UNION UNIVERSITY BULLETIN

1961 - 1962

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)LUME LVIV February, 1961 No. 1

Bulletin of

UNION UNIVERSITY

JACKSON, TENNESSEE

One Hundred Thirty-Seventh Year

FOREWORD

NION'S PURPOSE is to train young men and women in an environment iat makes for both high scholarship and Christian character. For more ian one hundred years the college has been sending its graduates out to ssume places of leadership in all fields of service.

Attendance at Union is a privilege, and this privilege may be forfeited y any student who does not conform to its traditions and regulations, r who is not willing to adjust himself to its environment.

FULLY ACCREDITED

by

SOUTHERN ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS

MEMBER AMERICAN COUNCIL ON EDUCATION

MEMBER ASSOCIATION AMERICAN COLLEGES

MEMBER AMERICAN ASSOCIATION COLLEGIATE REGISTRARS AND ADMISSIONS OFFICERS

and

TENNESSEE ASSOCIATION OF COLLEGES

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McCOWAT-MERCER, JACKSON, TENN.

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CALENDAR

1961

JANUARY

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JANUARY

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FEBRUARY

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OCTOBER

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NOVEMBER

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UNION UNIVERSITY CALENDAR — 1961-62

nmer Term, 1961

June 4, Sunday (2:00 P.M.) .....Residence Halls Open
June 5, Monday .....Registration, Summer Term
June 6, Tuesday .....Class Work Begins
June 7, Wednesday .....Last Day for Entering Classes
July 8, Saturday .....First Summer Term Closes
July 10, Monday .....Registration, Second Summer Term
July 10, Monday .....Class Work Begins
July 12, Wednesday .....Last Day for Entering Classes
August 12, Saturday .....Summer School Closes
August 12, Saturday (6:00 P.M.) .....Residence Halls Close

st Semester, 1961-62

September 5-6, Tuesday, Wednesday .....Faculty Workshop
September 6-9, Wednesday through Saturday....B. S. U. Retreat
September 10, Sunday (1:00 P.M.)....Residence Halls Will Open
September 10, Sunday (Evening Meal)
September 11-12, Monday (9:00 A.M.), Tuesday .....Counseling and Registration of Freshmen. (Late registration fee of $5 will be charged freshmen who do not arrive for the counseling period, Monday, September 11.)
September 11, Monday .....Fraternity Rushing Begins
Closes Thursday, Sept. 28
September 13-14, Wednesday (8:00 A.M.), Thursday. Counseling and Registration of Upper Classmen. (Late registration fee of $5 will be charged upper classmen after 5:00 P.M., September 14.)
September 14, Thursday .....Faculty and President's Reception
September 15, Friday .....Class Work Begins
September 21, Thursday, and September 22, Friday (Chapel Hour) .....Opening Convocation
September 21, 22, Thursday, Friday .....Last Day for Entering Tuesday, Thursday classes and Monday, Wednesday, and Friday classes respectively.
October 13, Friday .....Last day for dropping a course without penalty. (See regulation on page 66)
October 19, Thursday .....Class Plays Contest

October 30-November 3, Monday through Friday .....Relig
Emphasis Week

November 22, Wednesday (6:00 P.M.) .....Residence H
close for holidays.

November 23-26 (inclusive) .....Thanksgiving Holi

November 26, Sunday (2:00 P.M.) .....Residence Halls C

December 7, Thursday .....College

December 12, Tuesday .....Faculty Smorgasb

December 15, Friday (Chapel Hour) ....Christmas Music Fest

December 16-January 1 (inclusive) .....Christmas Holic

January 1, Monday (2:00 P.M.) .....Residence Halls O

January 2, Tuesday .....Classes Resu

January 22-26 (Monday through Friday) .....Seme
Examinations

January 26, Friday (6:00 P.M.) .....Residence Halls close
maintenance and repair.

January 31, Wednesday (2:00 P.M.) .....Residence Halls Op

Second Semester, 1962

January 31, Wednesday (2:00 P.M.) .....Faculty Registrati
Conference

February 1, 2, Thursday, Friday .....Registration for Seco
Semester (Late fee of $5 will be charged after 5:00 P.M
February 2.)

February 5, Monday .....Class Work Begi

February 8, 9, Thursday, Friday .....Last day for enteri
Tuesday, Thursday classes and Monday, Wednesday, Frid
classes respectively.

March 2, Friday .....Last day for dropping a cour
without penalty.

March 22, 23, Thursday, Friday .....College Pla

April 6, Friday .....Annual Citation Da

April 10, Tuesday (6:00 P.M.) .....Residence Halls Clos

April 11-15 (inclusive) Wednesday through Sunday .....Sprin
Holidays

April 15, Sunday (2:00 P.M.) .....Residence Halls Ope

May 24, Thursday (Chapel Hour) .....Charles H. Strickland Oratorical Contest

May 25-30, Friday through Wednesday .....Semester Examinations

May 26-May 28, Saturday through Monday ....Commencement Activities

May 26, Saturday .....Senior Breakfast

May 27, Sunday .....Baccalaureate Service

May 28, Monday .....Commencement Exercises

May 30, Wednesday (6:00 P.M.) .....Residence Halls Close

nmer Term, 1962

June 3, Sunday (2:00 P.M.) .....Residence Halls Open

June 4, Monday .....Registration, Summer Term

June 5, Tuesday .....Class Work Begins

June 6, Wednesday .....Last Day for entering Classes

July 7, Saturday .....First Summer Term Closes

July 9, Monday .....Registration, Second Summer Term Classes Begin

July 11, Wednesday .....Last Day for entering Classes

August 11, Saturday .....Summer School Closes

August 11, Saturday (6:00 P.M.) .....Residence Halls Close

COMPETITIVE SCHOLARSHIP EXAMINATION SCHEDULES

January 20, 1962—9:00 A.M.—Union University

February 10, 1962—9:00 A.M.—Memphis, Tennessee

March 17, 1962—9:00 A.M.—Union University

BOARD OF TRUSTEES

General Officers

H. H. Waldrop, *President* — Tom Patton, Sr., *Vice-Presid*

E. E. Deusner, *Secretary*

Executive Committee

David Q. Byrd, *Chairman* — H. H. Waldrop, *Vice-Chairm*

E. E. Deusner, *Secretary*

E. B. Bowen
Emmet Guy
Tom Patton, Sr.
Jesse Price
Robert Sanders
Allen Truex

Term of Office Expires November, 1961

William Bateman, *Attorney*
Memphis, Tennessee

E. B. Bowen, *Minister*
Memphis, Tennessee

Hardy Graham, *Businessman*
Union City, Tennessee

C. N. Hickman, *Physician*
Bells, Tennessee

George B. Jones, *Accountant*
Memphis, Tennessee

Tom Patton, Sr., *Businessman*
Jackson, Tennessee

Robert Sanders, *Minister*
Camden, Tennessee

Z. B. Thompson, *Businessman*
Selmer, Tennessee

Raymond Townsend, *Businessman*
Parsons, Tennessee

H. H. Waldrop, *Attorney*
Jackson, Tennessee

Charles Wingo, *Minister*
Martin, Tennessee

Term of Office Expires November, 1962

W. A. Boston, *Minister*
Memphis, Tennessee

Wayne Dehoney, *Minister*
Jackson, Tennessee

Robert Jelks, *Businessman*
Paris, Tennessee

Russell Kirksey, *Businessman*
Bolivar, Tennessee

William Klutts, *Editor*
Ripley, Tennessee

C. M. Pickler, *Minister*
Memphis, Tennessee

J. E. Sharp, *Minister*
Bells, Tennessee

Jonas Stewart, *Minister*
Huntingdon, Tennessee

Joe P. Tipton, *Businessman*
Dyersburg, Tennessee

Slater A. Murphy, *Minister*
Memphis, Tennessee

Term of Office Expires November, 1963

DAVID Q. BYRD, Minister
Jackson, Tennessee

E. E. DEUSNER, *Minister*
Lexington, Tennessee

JERRY GLISSON, *Minister*
Memphis, Tennessee

DALE GLOVER, *Farmer*
Obion, Tennessee

EMMET GUY, *Businessman*
Jackson, Tennessee

RALPH LAWLER, *Attorney*
Trenton, Tennessee

ROBERT ORR, *Minister*
Dyersburg, Tennessee

RAMSEY POLLARD, *Minister*
Memphis, Tennessee

JESSE M. PRICE, *Businessman*
Somerville, Tennessee

POWERS SMITH, *Businessman*
Henning, Tennessee

E. L. SMOTHERS, *Minister*
Milan, Tennessee

ALLEN TRUEX, *Physician*
Jackson, Tennessee

OFFICERS OF ADMINISTRATION

WARREN F. JONES, 564 E. Main .....*President*

B.S., Georgetown College, 1921
M.A., University of Kentucky, 1937
One year additional graduate study, University of Kentucky, Graduate Study, University of Chicago and George Peabody College
LL.D., Georgetown College, 1945

H. H. BOSTON, Bishop and Woodlawn Sts. Union City.....*Vice-President*

Diploma, Hall-Moody Institute, 1917
Diploma, Southwestern Baptist School of Music, 1921
Th.M., Southwestern Baptist Theological Seminary, 1924
D.D., Union University, 1948

F. E. WRIGHT, 40 Harmony Lane .....*Academic Dean*

A.B., Baylor University, 1942
M.A., George Peabody College, 1948
Ed.D., George Peabody College, 1954

FRANK M. BLYTHE, 310 N. Hays .....*Business Manager*

B.S., University of Oklahoma, 1926

GLADYS IVY STONE, 109 Rothrock .....*Registrar and Dean of Women*

B.S., Union University, 1933
Graduate study, Memphis State University

RUTH GIBBONS, 601 Lafayette .....*Librarian*

A.B., Union University, 1932
B.S., L.S., George Peabody College, 1940

TO BE SELECTED .....*Assistant to the President*

Administrative Assistants and Other Personnel

JOHN JETER HURT, 215 Rumson Road, Atlanta, Ga.....*President Emeritus*

Th.D., Southern Baptist Seminary, 1903
D.D., Union University, 1914
D.D., Wake Forest College, 1921
LL.D., Georgetown College, 1932

MABEL K. WARD, 532 Lexington .....*Assistant Librarian*

A.B., Carson-Newman College, 1932
M.A., (L.S.), George Peabody College, 1955

PEGGY BRIGGS, 574 E. Main .....*Assistant to the Librarian*

ANNE TAYLOR, 93 Montclair Drive .....*Assistant Registrar*

A.B., Union University, 1948

SARAH BAXTER, 620 Whitehall .....*Secretary to the Dean of Women*

WILLIE MARGARET JOHNSON, Student Union Building .....*Dietitian*

B.S., Union University, 1928
M.S., Iowa State University, 1930
Additional graduate work, University of Chicago, 1948
AHEA Workshop, University of Wisconsin, 1959

J. FRANKLIN RAY, 116 Stoddert .....*Audio-Visual Education*

A.B., Union University, 1901
A.M., Union University, 1902
Th.M., Southern Baptist Theological Seminary, 1904
Additional graduate work, Southern Baptist Theological Seminary
D.D., Union University, 1921

GEORGE B. WYATT, 87 Woodhaven Drive.....*College Physician*

A.B., Vanderbilt University, 1939
M.D., Vanderbilt University, 1942

DUVAL H. KOONCE, 28 Beechwood Drive....*Associate to College Physician*

A.B., Duke University, 1943
M.D., Duke University, 1946

ELISE CALDWELL .....*Hostess, Lovelace Hall*

ELIZABETH B. LLOYD .....*Hostess, Adams Hall*

LENA ROGERS .....*Hostess, Crook Hall*

KATIE STEWART .....*Hostess, Jones Hall*

LUCILLE BAKER, 727 North Royal .....*Assistant Hostess, Jones Hall*

ALICE TURNER, 574 East Main .....*School Nurse*

ELOUISE GRAVES, Oak Grove Road .....*Secretary to the Dean*

EVELYN DAVIS, 115 North Fairground ....*Assistant Dietitian and Hostess Student Union Building*

DORIS W. GEE, 425 West King .....*Switchboard Operator*

ADRIENNE H. DAVIS, Adams Hall .....*Bookkeeper*

GAIL G. DOWD, 2281 Old Bolivar Road .....*Bookkeeper*

J. GUY GEE, 425 West King .....*Bursar*

JESSIE SMITH, Adams Hall .....*Assistant Bursar*

LAURA BURNEY WINSLOW, 629 Whitehall .....*Secretary to the President*

O. D. STONE, 109 Rothrock .....*Manager, Bookstore*

JAMES A. STRATTON, 2017 East Chester .....*Superintendent of Buildings & Grounds*

FACULTY OF INSTRUCTION

1960-61

( ) Indicates year first employed

DIVISIONAL CHAIRMEN

RALPH T. DONNELL (1948) .....*Chairman, Division of Natural Scienc and Head of Department of Mathemati*

A.B., Cumberland University, 1926
LL.B., Cumberland University, 1927
M.A., Vanderbilt University, 1937
Two years additional graduate work, University of Tennessee
Additional graduate work, University of Michigan

JOHN HUGHES (1952) .....*Chairman, Division of Fine Arts an Head of Department of Musi*

A.B., Southwestern, 1947
M.S., Juilliard, 1949
Ch.M., American Guild of Organists, 1949
Graduate work in Musicology, New York University
Organ Pupil of W. Townsend, Plymouth, England
Organ Pupil of Marcel Dupre, Paris, France
Additional Graduate Work in Harmony under Olivier Messiaen, Par Conservatory, Paris, France
Ph.D., Florida State University, 1961
Leave of absence for one quarter of study in Siena, Italy, Summer 196

WILLIS HAMILTON KIMZEY, JR. (1956).....*Chairman, Division o Humanities and Associate Professor of Religio*

A.B., Mercer University, 1938
B.D., Southwestern Baptist Theological Seminary, 1949
Th.D., Southwestern Baptist Theological Seminary, 1956

RICHARD HIRAM WARD (1948) .....*Chairman, Division of Social Science and Head of Department of Histor*

A.B., Carson-Newman College, 1933
M.A., George Peabody College, 1948
Ph.D., George Peabody College, 1953
Post-doctoral study at University of North Carolina
Additional study at New Orleans Seminary and Southern Seminary
Leave of absence for additional study summer 1961—Washington, D.C

OTHER DEPARTMENT HEADS

ALLAN F. ARCHER (1952) .....*Head of Department of Biology and Professor of Biology*

A.B., Harvard University, 1931
M.A., University of Michigan, 1933
Ph.D., University of Michigan, 1936
Additional research work in zoology in seven countries of the Caribbean area.

JOHN V. BUSS (1960) .....*Acting Head of Department of Business Administration and Assistant Professor*

B.S., Arkansas State College, 1947
M.B.A., University of Arkansas, 1951
One year private study, economics, Europe

WU-CHIEH CHENG (1955) .....*Head of Department of Chemistry and Professor of Chemistry*

B. S., St. John's University, Shanghai, China, 1944
M.S., Kansas State University, 1949
Ph.D., Georgia Institute of Technology, 1954

ROBERT H. GAUGH (1960) .....*Acting Head of Department of English and Associate Professor*

A.B., Union University, 1932
M.A., Vanderbilt University, 1937
All work for Ph.D. Degree except completion of dissertation, University of Texas.

WALTER KRUSCHWITZ (1951) .....*Head of Department of Physics and Professor of Mathematics and Physics*

A.B., Taylor University, 1942
M.A., Vanderbilt University, 1948
Additional graduate work, Vanderbilt University
Additional graduate work, University of Washington
Ph.D., University of Michigan, 1960

JOHN V. MYERS (1958) .....*Head of Department of Modern Languages and Associate Professor*

B.A., Wake Forest College, 1938
M.A., Syracuse University, 1940
Ph.D., University of North Carolina, 1959

JAMES A. PATE (1959).....*Acting Head of Department of Education and Psychology and Associate Professor*

B.S., Howard College, 1944
A.B., University of Alabama, 1944
M.A., University of Alabama, 1955
Advanced Professional Diploma in Education, 1957
Ed.D., University of Alabama, 1959

CHARLES D. TAYLOR (1955).....*Head of Department of Religion and Professor*

A.B., Union University, 1948
B.D., Southern Baptist Theological Seminary, 1951
Th.D., Southern Baptist Theological Seminary, 1957

JACK L. RUSSELL (1955) .....*Head of Department of Health and Physical Education and Director of Athletics, Assistant Professor*

B.S., Oglethorpe University, 1940
M.S.P.E., Purdue University, 1950
Additional graduate work, University of Arizona, 1958

OTHER PROFESSORS

DIXIE M. JONES (1945).....*Professor of Elementary Education and Psychology and Director of Testing Service*

A.B., Blue Mountain College, 1927
M.A., George Peabody College, 1939
Ph.D., George Peabody College, 1943
Graduate work, Colorado State College, 1960

FREDERIC LUBRANI (1954).....*Professor of Theory and Instrumental Music*

B.Mus., Cincinnati Conservatory of Music, 1939
B.Sc., University of Cincinnati, 1939
M.M., Cincinnati Conservatory of Music, 1946
All graduate work completed for D. Mus. E., University of Cincinnati and Columbia University
Member of Frank Simon's Armco Band, 1936-39
1st Clarinetist, Huntington Symphony Orchestra, 1939-42
1st Clarinetist, Dayton Philharmonic Orchestra, 1948-51
Further study at the Musical Academy Chigiana, Siena, Italy, Summer 1959

ERNEST G. MUNTZ (1956) .....*Professor of Social Sciences*

A.B., Wheaton College, 1949
Ph.D., University of Rochester, 1960

FRANCES E. WRIGHT (1955).....*Professor of Education and Psychology*

A.B., Baylor University, 1942
M.A., George Peabody College, 1948
Ed.D., George Peabody College, 1954

OTHER ASSOCIATE PROFESSORS

A. L. ALLEN (1955) .....*Associate Professor of Art*

B.S., Louisiana State University, 1950
M.A., Louisiana State University, 1954
Additional graduate work at Stanford University, University of Arizona and University of Colorado.

PURGEON BOYD (1949) .....*Acting Head of Department of Biology and Associate Professor of Biology*

B.S., Carson-Newman College, 1935
M.A., Peabody College, 1947
Additional graduate work at George Peabody College, Vanderbilt University and the University of Oregon

IARION CROCKER (1953) .....*Associate Professor of English*

A.B., Limestone College, 1927
M.R.E., Woman's Missionary Training School, 1935
M.A., George Peabody College, 1943
Eight weeks travel in Britain in 1956 and additional graduate work at Wofford College.

LISABETH JARRELL FOSSEY (1955).....*Associate Professor of Theory, Piano and Voice*

B.Mu., American Conservatory of Music, 1935
M.Mu., American Conservatory of Music, 1954
Pupil of Victor Garwood, Chicago; Theodor Bohlmann, Memphis; John H. Hattstaedt, Chicago; Charles LaBerge, Chicago; Louise Robyn, Chicago; Irvin Fischer, Chicago; Stella Roberts, Chicago; Karlton Hackett, Chicago; E. Warren K. Howe, Chicago
Leave of absence for one quarter of study, Siena, Italy, Summer 1961

OUIS SNELLGROVE (1960) .....*Associate Professor of Psychology*

A.B., Emory University, 1952
M.A., University of Alabama, 1956
Ed.D., University of Alabama, 1960

ELEN BLYTHE (1939) .....*Assistant Professor of English*

A.B., University of Oklahoma, 1939
M.A., George Peabody College, 1949
Directed Literature Study, British Isles, 1956
Directed Shakespeare Study, Canada, 1958

LEN BRYANT (1960) .....*Assistant Professor of Art*

A. B., Murray State College, 1951
M.F.A., Cranbrook Academy of Fine Arts, 1954
Additional study Cleveland Institute of Art and Haystack Mountain School of Crafts

ILLIAM E. CALLAHAN (1960) .....*Assistant Professor of Religion*

A.B., Florence State College, 1953
B.D., New Orleans Baptist Theological Seminary, 1956
Th.D., New Orleans Baptist Theological Seminary, 1960

OSEPHINE COOK (1960) .....*Assistant Professor of Home Economics*

B.S., Colorado State University, 1933
M.A., Michigan State University, 1936
One and one-half years of additional graduate study, Florida State University

OSTER ELDRIDGE (1956) .....*Assistant Professor of Foreign Languages*

A.B., Howard College, 1948
M.A., Vanderbilt University, 1956
Three years Andover-Newton Theological Seminary
One summer Instituto Tecnologico de Monterrey, Mexico

*Warner Hutchison (1959) .....*Assistant Professor of Theory an*
Instrumental Mus

B.S.M., Southwestern Baptist Theological Seminary, School of Chur
Music, 1954
M.Mu., North Texas State College, 1956
Special studies, Rockmont College, University of Denver
Additional graduate work, Indiana University, Eastman School of Mus
Hornist with orchestras in Denver, Dallas, Rochester and Knoxville
Composition with Wayne Barlow, Kent Kennan, Roy Harris and othe

Elizabeth Breland Loyd (1938) .....*Assistant Professor of Speec*

Graduate diploma, Ruth Bale, Whitworth College, 1922
Additional study, Curry College, Boston; Alviene University of t
Theater, New York; American Academy of Dramatic Art; Columb
A.B.,Union University, 1945
M.A., Memphis State University, 1958

**William Perryman (1957) .....*Assistant Professor of Pian*
and Theo

B.M., University of Arkansas, 1951
M.M., Indiana University, 1952
Additional graduate work, University of Arkansas and University
Indiana
One year additional study, University of Indiana, 1959-60

Flora Prince (1959) .....*Assistant Professor of Englis*

B.S., Alabama Polytechnic Institute, 1951
M.A., Alabama Polytechnic Institute, 1956
M.R.E., Carver School of Missions and Social Work, 1956

Grace Williams (1942) .....*Assistant Professor of Physical Educatio*

B.S., Alabama College, 1928
M.A., George Peabody College, 1932
Additional graduate work at Northwestern University

INSTRUCTORS

John R. Barber (1960) .....*Instructor of Histor*

A.B., Union University, 1959
M.A., Vanderbilt University, 1960

Joseph Blass (1959) .....*Instructor of Voic*

B.A., University of Alabama, 1955
M.S.M., Southern Baptist Theological Seminary, 1959

Billy Daniel (1960) .....*Instructor of Mathematic*

A.B., Arkansas State College
One year graduate study, University of Tennessee

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* On leave 1961-62
** On leave 1959-60

SHERMAN McCORD (1960) .....*Instructor of Business Administration*

B.S., Oklahoma State University, 1949
M.B.A., Tulsa University, 1960

MARJORIE MUNTZ (1958) .....*Instructor of English*

B.A., Wheaton College, 1946
Additional work at Blue Mountain College and graduate work at the University of Rochester

*ROSS J. REID (1960) .....*Instructor of Piano*

B.M., Northwestern University, 1958
M.Mus., Northwestern University, 1959

JOHN W. ROSE (1957) .....*Instructor in Physical Education*

B.S., Union University, 1958
Three quarters graduate study, Peabody College

PART TIME FACULTY

ERNEST R. DIKE, JR. (1958) .....*Engineering*

B.E., Vanderbilt University, 1955

SYLVIA HILLS (1958) .....*Personality Development*

Diploma from Stephens College, 1946
Studied with Candy Jones
Attended Purdue University, 1947-48
Professional Modeling, Memphis, 5½ years, (Fashion, Photographic, Television)

MARGARET LUBRANI (1958) .....*Piano*

B.A., Mary Hardin-Baylor College, 1937
B.M., Conservatory of Music of Cincinnati, 1939
M.M., Conservatory of Music of Cincinnati, 1940
Studied with Walter Gilewiscz, Karol Liszniewsky, Mdm. Karin Dayas and Dr. Carl Hugo Grimm, Cincinnati

NELLE ADAMS LAFON (1960) .....*Business Administration*

B.S., Memphis State University, 1937
M.A., Peabody College, 1941

JAMES ROBERSON (1956) .....*Piano*

B.M., Cincinnati Conservatory of Music, 1949
Studied with Mdm. Karin Dayas and Leo Paalz, Cincinnati

MARGARET THOMPSON ROBERSON (1956) .....*Theory and Voice*

B.M., Cincinnati Conservatory of Music, 1944
M.M., Cincinnati Conservatory of Music, 1947
Studied with Hubert Kockritz, Bianca Saroya and John Hoffman, Cincinnati

* Interim 1960-61

ROSA DYER RUTLEDGE (1928) ..... *History*

B.S., Union University, 1927
M.A., George Peabody College, 1932
Additional graduate work, University of Wisconsin

BEVERLY STRIPLIN (1959) ..... *Biology*

B.A., Birmingham Southern, 1952
M.A., George Peabody College, 1953

FRANCIS WOLFE (1960) ..... *String Instruments*

Conservatory of Music of Cincinnati
Studied with Carl Kirksmith, D. Danczowski, George Leighton, Mrs. Tommy Williams
Cincinnati Symphony Orchestra, 1921-1930
Memphis Symphony Orchestra, 1940-1945

PATRICIA DAVIS HERRINGTON (1960) ..... *Organ*

B.M., Union University, 1959

JOHN G. PENICK (1959) ..... *Public Relations*

B.A., Union University, 1952
B.D., Southern Baptist Theological Seminary, 1958

OFF-CAMPUS INSTRUCTORS

LESLIE H. COLEMAN ( ) ..... *Religion*

B.A., Cumberland University, 1949
B.D., Southern Baptist Theological Seminary, 1954
Th.D., Southwestern Baptist Theological Seminary, 1959

FACULTY COMMITTEES

Discipline

Academic Dean, *Chairman*
Dean of Women
Instructor Involved

Athletics and Health

Charles Taylor, *Chairman*
Academic Dean
Director of Athletics
Business Manager
Ralph Donnell
A. L. Allen
Grace Williams

Guidance and Scholarship

Academic Dean, *Chairman*
Director of Testing Service
Registrar
Dean of Women
Louis Snellgrove
Walter Kruschwitz

Administration Curriculum and Instruction

Ralph Donnell, *Chairman*
Academic Dean
Registrar
Divisional Chairmen

Public Relations Committee

Frederic Lubrani, *Chairman*
W. H. Kimzey, Jr.
W. C. Callahan
Grace Williams
Director of Public Relations

Library

J. V. Myers, *Chairman*

Marion Crocker

John Barber

Head Librarian

Social

Dean of Women, *Chairman*

Willie Margaret Johnson

Grace Williams

Elisabeth Fossey

Hostesses of All Dormitories

Ministerial Placement Service

Department of Religion and Philosophy

Admissions

Academic Dean, *Chairman*

Registrar

Spurgeon Boyd

John V. Myers

Richard Hiram Ward

Publications

Helen Blythe, *Chairman*

Frank M. Blythe

Ruth Gibbons

James A. Pate

President—Ex-officio member of all standing committees

GENERAL INFORMATION

About Union University

The College and Its Resources

Student Life

The true purpose of education is to cherish and unfold the seed o
immortality already sown within us; to develop, to their fullest exter
the capacities of every kind with which the God who made us ha
endowed us.

Anna Jameson

ABOUT UNION UNIVERSITY

Objectives

IN KEEPING with its character and heritage throughout more than one hundred years, Union University continues to subscribe to the purposes of those who founded it and those who have through the years nurtured it. The ultimate objective is the full development of the total personality. Primary essentials to this end are the recognition that "The fear of God is the beginning of wisdom"; that in the lifelong, continuous process of education, the search for truth is an inherent quality; and that the proper relating of all truth to the Divine concept is the climactic achievement of the educated individual.

1. *Leadership*: Central in the purposes of Union University are high scholarship and Christian character preparatory to leadership in varied fields of service.
2. *Denominational Service*: The college acknowledges its dependence upon, and loyalty to the Baptist denomination and holds high the responsibility and privilege of developing in Baptist young people a deepening sense of denominational appreciation, a comprehensive vision of stewardship, and an academic and spiritual preparation for denominational service.
3. *Aesthetic, Health, Social*: The college is ever concerned with developing in young people an appreciation of the aesthetic in our culture and an awareness of the value of good health, both physical and mental. It is the sustained purpose of the institution to stimulate in students a consideration for the rights of others; a sense of poise, refinement, and culture that enables one to move with ease in the social group; a recognition of the dignity of work; and a deep regard for the sanctity of marriage and the home.
4. *Liberal Traditions*: Union University adheres academically to the liberal tradition on the thesis that it is concerned with qualities of mind, rather than just an arrangement of courses or the amassing of facts. Basic principles as found inherent in human conduct and activity serve as the motivation for seeking to teach young people to think; to guide them in the development of understanding; to direct them in the cultivation of insight; and to influence them in their actions in order that they may be fitted for living in, adjusting to, and becoming effective toward changes for betterment of a contemporary world.

History

UNION UNIVERSITY is the descendant and heir to two earlier institution of learning—West Tennessee College and its predecessor, Jackson Ma Academy, both of which were located in Jackson. Jackson Male Academ was chartered by legislative enactment during the 1825 session of th Tennessee Legislature. W. E. Bolten, S. D. Hays, J. F. Brown, John Rea and Joshua Haskell were constituted "A body politic and corporate" an were named as trustees of the academy. (Acts of Tennessee 1825, Chapte 222, p. 252.)

As a college it had its beginnings in the provision of the North Carolin Compact in ceding Tennessee to the United States Government to b made into a new state. It was provided that there should be two colleg established, one each in East and West Tennessee, and certain publi lands were set apart to that end. As a result West Tennessee College wa chartered by legislative enactment, January 3, 1844. The charter veste in the trustees of the college "all the property rights and credits belong ing, or in any wise appertaining to the . . . Jackson Male Academy." The charter also provided "that the Jackson Male Academy shall con stitute the preparatory department of the West Tennessee College. . . ." (Acts of Tennessee 1843-44, Chapter 66, pp. 75-76.)

In 1846 an act of Congress was passed extinguishing the title to un appropriated lands south and west of the congressional reservation lin and $40,000 arising from the sale of these lands was set apart as an en dowment for West Tennessee College, located at Jackson. (U. S. Statute at Large II, 1806, Chapter 31). This institution continued as such unt 1874 when it was offered to and accepted by Tennessee Baptists. Thi action grew out of a growing sentiment on the part of Tennessee Baptist toward greater unification, and education was the central core aroun which such unification was promoted. To that end committees wer appointed by the General Association of Baptists in Middle Tennessee The East Tennessee Baptist General Association, and the West Tennesse Baptist Convention. (There was no Tennessee Baptist Convention to thi date.) These committees met jointly in Humboldt, March 15, 187 (Tennessee Baptist Convention, *Minutes,* 1874, p. 1.) They issued a reso lution favoring the establishment of a first class college, and pledged thei support for such a movement. They also agreed to call an Educationa Convention in Murfreesboro, April 10, 1874. This convention met a scheduled and defined the purpose of the Convention as follows: "Thi Convention shall promote the educational interests of the Baptists o Tennessee . . . ". Following this a committee was appointed to select location for the proposed new college and they recommended the ac

eptance of the offer made by the citizens of Jackson and vicinity which ncluded "the buildings, grounds, and endowment funds of West Tennessee College."

In September, 1874, the new institution opened at Jackson as an cademy and was chartered as Southwestern Baptist University in June, 875. (Corporate Record Book A, pp. 58-63, Office of Secretary of State.) On August 5, 1890, the campus, known prior to 1875 as West Tennessee College, was deeded to Southwestern Baptist University.

At a meeting of the Board of Trustees September 17, 1907, the name f the institution was changed from Southwestern Baptist University to Jnion University. Even though there is nothing to authenticate an or-anic relationship between the institution of Jackson and Union University f Murfreesboro, there was a distinct sentimental connection between the wo. The institution founded at Murfreesboro in 1845 was named Union Jniversity. Dr. T. T. Eaton, son of Dr. Joseph Eaton, the founder of Jnion University at Murfreesboro, taught both in that institution and outhwestern Baptist University at Jackson. He also gave to Southwestern is father's library, and while there is no record to authenticate this de-ision it is rather apparent that the institution was changed to Union Jniversity because of this family connection.

In the fall of 1925 the Board of Trustees deeded all of the property f the University to the Tennessee Baptist Convention and secured a ew charter which vested all rights and authority in the Convention which lects all of the trustees. In 1927 the Hall-Moody Junior College was onsolidated with Union University and its records transferred to Union Jniversity.

Union University has had the following presidents (no record of the residents of West Tennessee College) :

William Shelton, 1875-76; G. W. Jarman, 1876-90; G. M. Savage, 1890-904; P. T. Hale, 1904-06; G. M. Savage, 1906-07; J. W. Conger, 1907-9; I. B. Tigrett, 1909-11; R. A. Kimbrough, 1911-13; R. M. Inlow was lected June, 1913, but resigned soon after opening of fall term; A. T. Barrett, 1913-15; G. M. Savage, 1915-18; H. E. Waters, 1918-31; A. W. Prince (Acting President), 1931-32; John Jeter Hurt, 1932-45; Warren . Jones, 1945-

Location

Union University is located in Jackson, Tennessee, a city of 35,000 nhabitants. Jackson is centrally located in West Tennessee with adequate ransportation facilities available by bus, railway, and air. It is noted for its ulture, beauty and educational advantages.

THE COLLEGE AND ITS RESOURCES

Campus and Buildings

Value

THE FOLLOWING STATEMENT as to the value of the College property is taken from the auditor's report:

Buildings, Grounds, and Plant Equipment	$1,931,124.94
Endowment	728,531.52
Total	$2,659,706.46

The Tennessee Baptist Convention appropriates money each year to the college for current expenses. The amount received last year was approximately $136,000, which is the equivalent to the income from an additional endowment of approximately $3,000,000.

Grounds

The campus proper of the University, containing approximately 10 acres, is located in the eastern part of the city within four blocks of the business district.

Buildings

Adams Hall—Adams Hall is a dormitory for men. On August 13, 1918 the front part of Adams Hall was destroyed by fire, but was rebuilt the following year. Recently the building has been completely repaired and redecorated.

Adams Hall Annex—This building was formerly occupied by the Art Department and is located on the South campus. It provides for comfortable living quarters for twenty-six men.

Everette Lovelace Hall—This dormitory for women has been remodeled recently. It is a homelike, three-story building, sufficiently large to house forty-five people comfortably.

Joseph A. Crook Hall—This young women's home on the south campus was erected in memory of the late Dr. J. A. Crook, who was a member of the Board of Trustees for forty years. This modern, fire-proof, three-story building has recently been renovated. It is sufficiently large to accommodate sixty-five occupants comfortably.

Warren F. Jones Hall for Girls—This building was opened September, 1956, a modern and commodious building of street-level floor and three additional stories. It is located on the northeast corner of the main campus near the intersection of Lexington and Hays Avenues. The building was made possible by special gifts through the W. M. U. organizations

of West Tennessee, individuals, and through the United Campaign for Schools which was conducted throughout the state of Tennessee in 1955. This building accommodates one hundred and fifteen girls.

Barton Hall—This is the Administration building and contains the administrative offices, classrooms, Powell chapel, and one fraternity room.

The Mary Sue Tigrett House—This building is of Dutch Colonial design, originally planned as a Home Management House for the Home Economics department. At present it is being used as a faculty residence.

Emma Waters Summar Library, and Other Reading Facilities—A new library was opened in the fall of 1947. There are about 34,000 volumes, besides pamphlets, including the T. T. Eaton and William Bateman bequests. The reading room contains the leading magazines, religious periodicals, and daily papers. The Jackson Free Public Library is within four blocks of the University, on College Street, and our students have free access to it. The library is rapidly being enriched for greater usefulness, including archives and listening rooms.

The Athletic Field—During the session of 1937-38 Union deeded to the City of Jackson its football field, on condition that the city erect a stadium at a cost of $40,000, which is just across the street from Union's campus. There are seating accommodations for 5,000 people in concrete stands, and a modern cinder track circles the grounds. The field has been well graded, and is covered with a beautiful turf.

Gymnasium—The gymnasium, constructed in 1955, is adjacent to the athletic field. The seating capacity is approximately 3,000. This building serves as the physical and health education center and accommodates classes in this department as well as indoor sports.

College Park—This is an area composed of ten acres about six blocks east of the college campus on College Street which was formerly used as a practice field for football and as the regular field for baseball. Recently the Junior Chamber of Commerce assumed the sponsorship of the Babe Ruth Baseball League and requested the privilege of improving this area to be used as a baseball park for teen-agers. Union University co-operated by lending this field which is now a first-class baseball park known as College Park and is used cooperatively by the Babe Ruth League and Union University.

Student Union—This new multiple purpose building was completed in 1953. It accommodates cafeteria, dining room that will accommodate four hundred people, social and religious centers, music department, home economics department, bookstore, postoffice, guest room, and faculty apartments.

Art and Science Building—The art and science building, located on th south campus, accommodates the departments of art, biology, chemist and physics.

University Health Service

It is the aim of the University to help the students maintain the highe possible standards of health. To this end the college employs a colleg physician and a registered nurse and maintains a sound physical trainin program for all.

Students are required to bring from their family physicians health cert ficates on blanks provided by the college. Those who do not receive suc blanks prior to registration will be given physical examinations by th college physician during the registration period.

Athletes must be approved by the college physician before being per mitted to participate in major sports. Examinations are repeated durin and at the close of the period of participation in said major sports.

Persons found to be disease carriers, or who otherwise constitute health menace to the school are asked to withdraw from the university.

No fee is assessed other than the medical fee as stated under expense Special rooms for the sick are maintained in dormitories.

Each year the State Health Department makes available to th students and faculty the mobile unit for chest X-rays without cost.

The health service covered by the medical fee includes the services o the nurse at all times, college physician at all times, access to thre official visits to the campus per week by the physician, and individua calls in residence halls by the physician upon recommendation of the nurse or hostess. The fee does not cover X-ray, hospitalization, fractures surgery, and similar services.

Student Insurance

Through the Tennessee Hospital Service Association (Blue Cross) indi vidual students may subscribe for health and accident insurance on a group basis at the rate of $15.00 per person per year.

STUDENT LIFE

Student Government

Union University maintains a modified form of student government. Through the cooperation of administrative, faculty, and student representation, the interpretation of school policies and principles is effected. The student council serves as a governing board of student affairs.

Student Council

The membership of the student council is composed of a representative from each of the four classes, representatives from various organizations, and the president of the student body. Administration and faculty representatives act in an advisory capacity with the council. The purpose of the council is to provide a means of mediation for any problem that may arise from the student body and to be a nucleus for planning any sports, contests or events that will help build the morale of the school.

Fundamental Regulations

First. Students are not permitted to give entertainment during the college session, either on the campus or in the city in the name of the school or any department or organization of it, without consent of the president or social committee of the faculty.

Second. Only bona fide students will be permitted to represent the college in public performances.

Third. The university is not responsible for any financial obligation incurred by a student organization, student, member of faculty, or employee unless authorized in writing by the president or business manager.

Fourth. All student residents of the dormitories voluntarily agree to observe the rules of conduct governing the residence halls.

Fifth. All students who receive grants-in-aid of any kind must maintain satisfactory scholastic standing as outlined on page 64 and satisfactory conduct.

Sixth. Fraternity Regulations

I. Pledging—1. All freshmen and transfers must have been in residence a minimum of two weeks before being pledged to any fraternity.

2. Fraternity rushing will begin on September 12 and close Thursday, September 28 with the pinning party.

II. Initiation—1. To be eligible for initiation the student must be a bona fide student, carrying the minimum of 12 semester hours.

2. He must have passed all work the semester immediately preceding initiation.

3. He must have completed 12 semester hours with 12 quality credits in Union University.

4. A student's quality credits must equal the number of hours attained for any above the minimum 12 hours standing.

5. Names of the initiates must be presented to the registrar for processing for faculty approval at least three days prior to any stated faculty meeting.

6. No initiation may be held for any student enrolled in Union for the first time before the end of the third week of the second semester.

Seventh. No clubs, fraternities, or societies may be formed unless the faculty, on application, approves the design of such organization, the rules by which it proposes to be governed, and the hours of meeting. The faculty reserves the right to limit or to disband any such organizations.

Eighth. It is required that all students establish their residence as a part of registration. For the maximum advantage to non-resident students educationally and socially it is desirable that they reside in the dormitories, particularly during the freshman and sophomore years. However, they may be permitted to live in approved homes off the campus upon written request from parents or guardians approved by the administration. Students other than those withdrawing from school are not permitted to move from the dormitories at any time without written application to the Dean of Men or Dean of Women and presenting written request from parents, both of which must be approved.

Discipline

First. The President of the college and the discipline committee are charged with the administration of discipline. They are empowered to rule in any irregularity pertaining to student life.

Note: It sometimes happens that a student's presence in a dormitory is inimical to the best interests of the group, and yet specific charges are difficult or embarrassing to make. Sometimes it is an accumulation of

inor things which, taken separately, appear trivial. Sometimes the harges may be too serious to be openly preferred. In all such cases the nterests of the residence hall as a home and sometimes of the individual imself, demand that he change his residence. Therefore, the school in ssigning rooms hereby explicitly reserves the right to cancel the reser- ation either before or while the student occupies the room without referring any specific charge. Only in such cases is room rent ever re- unded. Students may petition for one's removal without stating charges, nd without having their names known to any except the president and ne dormitory hostess interested.

Second. Any student who elopes or marries secretly is indefinitely spended as soon as the fact becomes known. The college considers it duty to the student's parents to discourage secret marriages in every ossible way. Subsequent announcement of a marriage does not alter the enalty. Reinstatement may be granted only upon personal appeal by the arents.

Third. While the administration and discipline committee cannot sume full responsibility for the boarding students not on the campus, reserves the right to make such regulations at any time as may seem dvisable, and the violation of the regulations on the part of a student ay deprive him of the privileges of the school.

Fourth. The administration and discipline committee will deal with all the student organizations in the matter of discipline as with individuals.

Student Organizations and Activities

Religious Life

EMPHASIS is placed not only upon the training of the body and the mind, lt also upon the development of the moral and religious nature. In hapel exercises, in class rooms, in every relation where the occasion arises, is in accord with the policy of the college that emphasis be given to the eed for and the value of Christian living.

Devotional life on the campus is fostered through morning watch and spers. In addition a Religious Emphasis Week is observed annually. he college emphasizes the importance of continuous growth and develop- ent in Christian character.

Religious Organizations

Ministerial Society

The society makes a valuable contribution to the life of ministeria students on the campus.

B. S. U. Council

The Baptist Student Union Council has general concern for the reli gious activities of the school, and is the co-ordinating agency of thes activities.

Y. W. A.

The Y. W. A. is an auxiliary of the Woman's Missionary Union fo college women. Its meetings are held bi-monthly.

Life Service Band

This club urges its members to use college days in life service for Chri by promoting mission projects on and off campus and seeks to enlist ever Christian in full time life testimony whether he be a layman or speci religious worker.

Intercollegiate and Intramural Athletics

INTERCOLLEGIATE ATHLETIC PROGRAMS are an integral part of America college life. At Union University athletics constitute a vital segment the area of physical education and an integral part of the total colle program.

During both the fall and spring semesters, a program of competiti intra-mural sports is sponsored that opens the way for wide participati on the part of both men and women. Awards are given at the close the year based on a point system employed throughout the intra-mur competition.

Union University believes that sports, both inter-collegiate and intr mural, have definite educational values and that few agencies possess much that is potentially good for character building in American yout It holds membership in the Volunteer State Athletic Conference, t National Association of Intercollegiate Athletics, and the National C legiate Athletic Association. It adheres strictly to the eligibility regulatic of these organizations.

Clubs

Linguae Mundi Club

All students interested in foreign languages or cultures are eligible o join this club. Its purposes are to foster interest in foreign languages nd cultures, and to encourage conversation in foreign languages. The lub promotes programs both of general interest and of specific interest or students of a particular language. To this end the club has a vice- resident in charge of each language: Latin, French, Spanish, German, nd Greek.

Physical Education Club

This club for girls is to stimulate interest in physical education and to romote the girls' intramural program. Membership is open to girls najoring or minoring in physical education or those having 300 points on he intramural point system.

U Club

The "U" club is made up of those students who have received an ath- etic award by participating in an inter-collegiate sport. Its purpose is to romote athletic activities. Members must have earned an athletic letter t Union University.

Nestor

This is a literary club for men composed of thirteen upper classmen nd is organized to promote special scholastic interest and attainments. When a vacancy is caused by the graduation of some member, a new nember is elected as his successor from the upper classmen.

Hypatia

Hypatia is a literary club sponsored by the English department for vomen. It meets monthly and stimulates interest in literary matters.

The W. A. Owen Law Club

This club is composed of pre-law students and functions only when here is sufficient demand. It is sponsored by the history department.

Home Economics

The Home Economics Club is composed of all students who pursue home conomics courses. The purpose of the club is to provide group study n the field.

The Mallory Mathematics Club

The club is composed of students who have completed two semesters f college mathematics. Its purpose is to stimulate interest in this field.

Footlights Club

This organization includes students who are interested in the drama It sponsors all play production, including a play tournament, one-act pla night, and major productions.

Allegro Club

The Allegro Club, made up of music majors and minors, is for th purpose of affording additional opportunity for students to receive train ing and instruction through both study and performance. The club hold its meetings monthly.

Prince-Davis Science Club

The purpose of this club is to further interest in science by studen participation. Membership is open to majors and minors in chemistry biology and physics.

The Rutledge Honorary History Club

This club serves as a proving ground for membership in Phi Alph Theta. Either majors or minors, who take at least 18 semester hours i history, who have and maintain a 1.75 point average in history, and wh have and maintain this same general average in all other subjects, ar eligible.

The Business Club

The Business Club is an organization designed to promote interest in th field of Business Administration. Membership is open to majors an minors in Business Administration, Business Education and Economic who have and maintain a C average.

The Frank L. Wells Chapter
Student National Education Association

This organization is composed of students on the campus who are pre paring to teach. Its purpose is to offer its members all the opportunitie responsibilities, and privileges of the National Education Association an the Tennessee Education Association and to acquaint future teachers wit the history, ethics, and program of the organized teaching profession.

Fraternities and Sororities

Social Fraternities

UNION has four national social fraternities—Alpha Tau Omega, Sigm Alpha Epsilon, Chi Omega, Zeta Tau Alpha. They have their own speci activities and functions and add variety and charm to the college life.

Scholarship Fraternities

Alpha Psi Omega

Alpha Psi Omega is an honorary dramatic fraternity. Membership is ased on attainment in this area.

Phi Alpha Theta

Delta-Psi Chapter of Phi Alpha Theta, National Honorary Scholarship raternity in History, is the 119th chapter and the first in the state of ennessee. Juniors or Seniors, who have had 12 semester hours of history nd who have a minimum average of 2.1 points in history and 2 in two irds of the remainder of their work are eligible.

Phi Mu Alpha Sinfonia

Iota Sigma Chapter of Phi Mu Alpha Sinfonia is a national professional usic fraternity. Phi Mu Alpha is the largest men's fraternity in the orld with 180 active chapters.

Membership is confined to men who are music majors, and who exibit a genuine interest in professional ideals and a high degree of exellence in musical ability and scholarship.

The local chapter was chartered in 1960 and has made a vital conibution to music activities on the campus.

Sigma Alpha Iota

Gamma Sigma Chapter of Sigma Alpha Iota, the oldest and largest ternational music fraternity for women, is composed of students taking course leading to a Bachelor of Music Degree or the Bachelor of Arts ith a major or minor in music. Membership is based on excellence in holarship and musical ability.

Student Publications

"Cardinal and Cream"

The "Cardinal and Cream" is the college paper edited and published y the students.

"Lest We Forget"

The "Lest We Forget" is the college year book published annually by ie students.

Awards

The Zeta Tau Alpha Award of fifteen dollars to the senior of the June ass graduating summa cum laude, with highest rank. No winner—1960.

The Chi Omega Award of fifteen dollars to the non-Chi Omega girl ho makes the best record in psychology. No winner—1960.

THE CHARLES H. STRICKLAND MEDAL established by Mrs. C. H Strickland for the best orator in the senior class. This is an endowe medal. Winners 1960—Bobby Agee and Larry Patton.

THE ELIZABETH TIGRETT and the HUGHES MEDALS were establishe by the late Mr. I. B. Tigrett in memory of his mother and the late D J. G. Hughes in memory of his father, for the outstanding seniors eac year in the June and August classes respectively. Mrs. J. G. Hughes pe petuates the Hughes Medal in memory of her late husband and as continuing memorial to his father, Mr. J. W. Hughes. The awards a based on the following qualities and characteristics: citizenship, characte leadership, scholarship, school service. To be eligible for these medals student must have attended Union University four years. These meda carry with them the highest honors of the senior class. Winner Tigre medal, 1960, Judy Verner; Hughes, Mary Stephen Hudson.

THE MILCHRIST C. STANWORTH MUSIC MEDAL is awarded to a mem ber of the June or August graduating classes who has studied music Union University for two years and who can otherwise qualify. Auditio is required and selection is based on performance in applied music wit theory as a factor in the decision. Winner 1960, John Conyers.

THE ALPHA TAU OMEGA AWARD is presented each year to the outstan ing male senior, non-fraternity man. This award is based upon scholarshi leadership in campus activities, and character. Winner 1960—Jer Swaim.

THE FRED DELAY MEMORIAL AWARD has been established by Mr. DeL in memory of his father, and is presented at the annual Commenceme to the honor athlete of the Senior Class. The recipient of this award mu be, in addition to being the outstanding athlete, a person of high a ademic standing, unquestionable loyalty and unimpeachable characte Mr. Fred DeLay, a business man, was Head of Athletics in Union Un versity from 1937 to 1945, and again in 1948-49. Winner 1960—Bo Carpenter.

THE FRANK SIMON BAND AWARD is presented to the graduating senio who have been members of the Symphonic Band for their four years c the campus and who have demonstrated excellence in musicianshi leadership, loyalty, and service. Winners 1960—William Carver, Jam Robert Kendig, John Conyers, Bryant Ray.

THE JACKSON DENTAL STUDY CLUB AWARD of fifty dollars in cash given annually to the outstanding person on the campus who plans enter dental college at the next session.

ENROLLMENT

Admission

Financial Information

Financial Aid

The true greatness and the true happiness of a country consist i wisdom, in that enlarged and comprehensive wisdom which includ education, knowledge, religion, virtue, freedom, with every influen which advances and every institution which supports them.

Henry Giles

ADMISSION

General Requirements

Age. An applicant must be at least 16 years of age.

Character. An applicant must furnish satisfactory evidence of good ıoral character; and if transferring from another institution of higher :arning, must present certificate of honorable dismissal.

Physical Examination. All students must take a general physical ɛamination.

Scholastic Requirements

. student who meets one of the following conditions may be admitted:

1. For regular admission to the freshman class a student must be a graduate of an accredited high school or preparatory school with 16 units, of which at least thirteen are in the fields of English, foreign language, mathematics, history, and the social and natural sciences. This program should include three units of English, two units of mathematics, one unit of social science, and nine units of electives. Not more than four units from a four-year high school nor three units from a three-year senior high school may be vocational or other non-academic courses.
2. A graduate of an accredited high school who does not meet all of the specific requirements for regular admission may be admitted by the admissions committee provided he has an average of C on high school transcript.
3. A student who has served in the armed services may present a high school equivalency diploma for admission. A mature student will be admitted on any state high school equivalency diploma, provided he makes satisfactory standing on standardized tests administered by the college. He may be admitted by the admissions committee.

NOTE: The academic load of a student admitted under paragraph two or three shall be subject to supervision.

Preliminary Entrance Requirements for Freshmen

High school graduates applying for admission to Union must secure n entrance certificate from the office of the dean.

Before this certificate can be granted the applicant must file the ɔllowing information in the office of the dean:

1. A transcript of his high school work.
2. A recommendation of the applicant from his principal** or superıtendent.

*Except in cases of refusal by members of Southern Association High Schools.

3. A medical record.
4. A letter of recommendation from his pastor.

Students Transferring from Another College

Before enrolling in Union, a student transferring from another colleg must: 1. Present transcript of all his credits from the institution las attended. 2. Be eligible for readmission in the institution last attended

Credits will be accepted from other recognized liberal arts colleges an universities if the work transferred is not too highly specialized an parallels satisfactorily the courses offered by Union. Credits for grade lower than C will be accepted, provided the average of the work trans ferred is C or above. In the event that the average of transferred work i lower than C, grades below C will be deleted accordingly.

Students transferring to Union University from another institutio where they have an academic probationary status, will be placed o probation for one semester, if admitted.

Not more than 66 semester hours will be accepted from a junior col lege.

Correspondence and/or Extension

A maximum of eight semester hours of extension work and/or corres pondence work will be accepted from other institutions.

Correspondence or extension credit will not satisfy the prescribed course for graduation as stated in the catalog for the various degrees offered b the college.

Students may not enroll for residence credit and extension or corres pondence credit simultaneously without the consent of the dean, divisio chairman, and department head involved.

Veterans

The following is necessary before a veteran can be enrolled in Unio University:

1. Veteran enrolling for the first time under G. I. benefit shoul file a request for training at the local regional office (near hi home or the one in Jackson, located at the Walton Hotel o Main Street). This request is sent to Nashville V. A. Regiona Office which authorizes the school to enroll the Veteran. A Veteran cannot be completely enrolled until this is received Authorization is required only once.

2. If a veteran has been enrolled in another institution the veteran and the institution last attended must complete a Request for Transfer of Place of Training. A card to the V. A. Office in region of last place of training requesting that records be sent to V. A. Regional Office, Nashville, Tennessee is of benefit.

Hours: (Inclusive)

14-18	Full Load
10-13	¾ Load
7-9	½ Load
6-1	Less than ½ load; benefits are based on tuition and fees.

Benefits: Monthly

Single	(Full Load)	$110.00
Married	(Full Load)	135.00
Dependents	(Full Load)	160.00

Registration

See University calendar for registration dates.

A student may not receive credit for a course for which he is not properly registered.

A student may register for a maximum of 12 semester hours on a three day schedule.

Dormitory students must carry a minimum of 12 semester hours except upon advice of the college physician or by consent of the dean.

FINANCIAL INFORMATION

Expenses

THE REGULAR SCHOOL YEAR is composed of two semesters.

The registration of a student signifies an agreement by him and his parents to fulfill the related financial obligations to the end of the semester in which the student is registered.

Expenses Are Due and Payable As Follows:

Plan Number 1—Semester in advance.

Plan Number 2—One-third upon registration.
One-third at the end of six weeks.
Balance is due one month before semester final exams.

Students having unpaid bills at the semester's end will not be admitted to the examinations until satisfactory settlements have been made. This rule will be adhered to strictly. Satisfactory arrangements to be made with the bursar for Plan 2 as a special courtesy to the student.

Tuition

Tuition charges are based on the total number of hours carried by the student as follows:

Hours	*Per Semester*
1	$ 18.00
2	36.00
3	54.00
4	69.00
5	84.00
6	99.00
7	113.00
8	127.00
9	141.00
10	155.00
11	165.00
12 thru 16	175.00
Over 16—per hour	9.00

Matriculation Fees

Students enrolling for 1-10 hours (inclusive) will be charged a matriculation fee of $2.00 per hour per semester.

Students enrolling for 11 hours will be charged a matriculation fee of $20.00 per semester.

Students enrolling for 12 or more hours will be charged a matriculation and activities fee of $25.00 per semester.

Fine Arts

Students enrolled in the fine arts division only will not pay a student activities fee, but will pay a matriculation fee of $5.00. All students pursuing courses in fine arts will be charged tuition for the semester as follows for two lessons a week:

Private Lessons, Organ		$84.00*
Private Lessons, Voice		84.00*
Private Lessons, Piano		84.00*
Private Lessons, Other Instruments		84.00*
Private Lessons, All Music Subjects, Art. Drama, Special Coaching		84.00*
Practice Rooms, one hour a day		9.00
Practice Room — Band Students:		
½ hour per day:	Instrument Rental	$ 2.50
	Practice Room Fee	6.50
	Locker Rental	.50
	Total	$ 9.50
1 hour per day:	Instrument Rental	2.50
	Practice Room Fee	9.50
	Locker Rental	.50
	Total	$12.50
Additional hour a day		3.00

Two half-hour lessons per week. Charges for one lesson per week $42.00 per semester.

Condensed Table of Expenses — 1961-62

There are many variations in expenses due to varying needs and demands of individual students. The following CONDENSED STATEMENT OF EXPENSES is meant to provide as fair a guide as possible for the average situation.

A. DAY STUDENTS (non-boarding)

1.	Tuition (12 to 16 sem. hrs.) per semester	$175.00
2.	Laboratory fee—Science courses only—minimum per semester	7.50
3.	Lyceum fee—per semester	1.50
4.	Matriculation and activities fee	25.00
5.	Total for DAY STUDENTS—minimum charge excluding books* per semester	$209.00
6.	Total for School Year—minimum	$418.00
7.	Breakage deposit—Science courses—payable once and refundable	10.00
8.	Post Office Box	1.00
9.	GRAND TOTAL—DAY STUDENTS—minimum— (Science fees included)	$429.00

B. BOARDING STUDENTS

1.	Room Rent—minimum—per semester	$ 40.00
2.	Cafeteria Tickets (Morrison's Cafeteria Plan) per semester (State Sales Tax extra)	160.00
3.	Medical fee—per semester	7.50
4.	Other expenses same as DAY STUDENTS, Item 5	209.00
5.	Total BOARDING STUDENTS—Minimum—per semester	416.50

**Books*—Estimated cost per semester $25.00 to $35.00 (New Books).

6.	Total—BOARDING STUDENTS—for school year—minimum	833.0
7.	Dormitory breakage deposit—Payable once, refundable	10.0
8.	Post Office Box	1.0
9.	GRAND TOTAL FOR YEAR—minimum	$844.0
ROOM RESERVATION FEE (applied to account)		10.0

Graduation Fees

Diploma	$10.00
Cap and Gown (minimum fee)	4.00
Graduate Record Examination (seniors)	6.00
National Teacher Examination (seniors)—actual cost	11.00

*Room Rent****

(Each person per semester)

Men's Dormitories:		
Adams Hall:	One-window room	$40.00
	Two-window room	45.00
	Three-window room	47.50
	Four-window room	50.00
Adams Annex:	All rooms	45.00
Women's Dormitories:		
W. F. Jones Hall:	All rooms	75.00
Crook Hall:	One-window room	45.00
	Two-window room	50.00
	Three-window room	52.50
	Four-window room	55.00
Lovelace Hall:	Corner rooms	55.00
	All other rooms	45.00

Laboratory Fees

A laboratory fee to cover the cost of materials consumed is charged each student who pursues a laboratory course.

Art	Per Semester
Art 213	$ 7.00
Art 214	12.00
All other courses, each	3.00
Art Locker rental fee	.50

Biology	
Courses 213, 314, 413, each	$10.00
All other courses, each	7.50

Chemistry	
All chemistry courses	$10.00

***When a student accepts residence in a dormitory, it is assumed that he will reside there throughout the year, unless he withdraws from school or to commute from his home, therefore a student who moves from a residence hall at mid-year will be required to pay 50% room rent penalty, unless he presents permission in writing from the Dean of Men or Women, to the business office. People who live alone at their own request must pay 50% additional room rent, except when assigned to single rooms.

Education

Courses 411, 413	$20.00
Courses 412, 414	10.00
Course 319	2.00

Engineering

Course 114	$ 5.00

Home Economics

Courses 112, 113, 211, 213, 311, 314, 412, 413	$ 3.00
Courses 111, 313, 316, 319	7.50

Physical Education

Courses 113, 213, 313, 318, 413	$ 3.00

Physics

Courses 111, 112, 211, 212, 319, 320	$ 7.50

Secretarial Science

Courses 111, 112, 211, 212, 214	$ 6.00
Course 413	3.00

Graduate Record Examination

Graduate Record Examination (Sophomores)	4.00

Class Fees

By vote of the student body at the suggestion of the student council regular students will pay $1.00 per semester as class dues for individual class activities. Collections will be made through the business office and deposited in the names of the respective classes. All withdrawals must be approved jointly by the classes and the bursar.

Late Entrance Fees

A late entrance fee of $5.00 will be charged those not completing their enrollment through the bursar's office by the date specified in the calendar.

Contingent Fees

Each student living on the campus, and those enrolling in physics, biology, or chemistry, makes a contingent deposit of $10 to cover breakage or damage for which he may be held responsible. The whole or any unexpended part of the contingent deposit will be refunded when the student graduates or definitely withdraws from the University without graduating, provided the student has not previously left the University without permission. From time to time, as circumstances require, demand will be made for restoration of the contingent deposit to the original amount, in the event damage charges have reduced the deposit. This deposit covers laboratory breakage, key deposit, and any other miscella-

neous items for which special payment may be due from the individua student.

Summer School

Charges for summer school are based on the same rate as per th regular school term. See pages 42-46.

Refunds

1. A. Matriculation fees are never refunded.
   B. A fee of $10.00 is charged for room reservation in residence halls In case of cancellation of reservation, $5.00 will be refunded i official notification is received by August 1.
   C. Students not currently enrolled who make reservation for th second semester will be granted a refund of $5.00 if notice o cancellation is received by January 1.
2. If a student withdraws during the period of registration, he will b refunded all charges except matriculation and room reservation fees and meal tickets consumed. (No partial ticket considered.)
3. A student withdrawing after the registration period, and up to th date for dropping without academic penalty, will be refunded tuitio and room rent on a pro rata basis by the month, and meal ticket returned. (No partial ticket considered.)
4. Only in cases of illness or its equivalent, will any refund be mad after the date for dropping without penalty, with the exception o meal tickets.
5. Students in refusing to conform to the disciplinary rules of the schoo forfeit all claims for refunds.
6. No refund will be made for reduction in number of credit hour after the date for dropping without penalty.

It will be observed that all of the above rules and regulations put th responsibility upon the student. He saves money and avoids misunder standing by seeing the business manager or bursar immediately.

Equipment

All equipment such as musical instruments, athletic equipment, micro scopes, etc., is charged in the business office direct to the respectiv departments. Each student will in turn be charged for any equipmen issued to him. When it is returned in good condition, he will be give credit accordingly.

By order of the Board of Trustees no equipment is to leave the campu unless in the care of the faculty member responsible for it.

FINANCIAL AID

Scholarships

J. J. Hurt Scholarship Fund

A scholarship fund established in 1945 by President-Emeritus John eter Hurt and his sons, available to students who satisfy scholarship equirements to be set up by the donors. The scholarship is awarded pon application to the President.

The Clarence E. Pigford Memorial Scholarship

Mrs. Clarence E. Pigford has given to the University the sum of 5,000.00 to create a perpetual scholarship to be known as the Clarence . Pigford Memorial Scholarship. The annual returns from this investnent constitute a scholarship fund for students who satisfy the requirenents set up by the donor. The scholarship is awarded upon application o the President.

Spight Fund

Through a bequest of the late W. R. Spight, noted alumnus of Union Jniversity, there has been established an endowment fund amounting at resent to more than $150,000, the income from which is used to aid orthy ministerial students in accordance with the terms of Mr. Spight's ill.

Addie McLean Scholarship, W. G. Guthrie Scholarship and Gene Carson Memorial Scholarship

These three scholarship funds are set up to provide assistance to worthy udents who plan to pursue special full-time religious activities. Grants re made according to the discretion of college authorities.

Caroline Canaday Scholarship

A fund given by the Calvary Baptist Church in memory of Mrs. aroline Canaday, the mother of James Canaday, pastor, for the purpose f assisting worthy students through college. The student is selected intly by the pastor and the college authorities.

H. E. Watters Memorial Scholarship

Mrs. Ethel R. Watters, alumna of Union University, has established a und of $1,000 to be used as a scholarship trust fund in memory of her

late husband, Dr. H. E. Watters, who served as president of Union Uni versity for a period of thirteen years. The income from this fund will b used to aid students who have volunteered for Christian service and wh can qualify as to need, scholarship, and personal character. Applicatio must be made to the President for this scholarship.

Competitive Academic Scholarships

Union University conducts competitive examinations for high schoo seniors throughout West Tennessee in the fields of general ability, read ing, and English, and offers to twenty people who can qualify scholarship amounting to $600 each for the four years of college work. These scholar ships are divided into grants of $150 for each year on condition that a academic standing of 2.0 is maintained.

Students who have completed two years work at Union University an have attained an academic average of 2.5 or above are eligible to be a warded a competitive academic scholarship of $150.00 per year for th remaining years in Union upon maintenance of a 2.0 standing. A junio college graduate upon completion of one year in Union University wit an academic standing of 2.5 or above will be eligible for this academi scholarship, and must meet the same requirements. Applications must b made in writing to the president.

Honor Graduate Scholarships

First and second honor graduates of high schools are awarded scholar ships of $600 and $500 respectively distributed as follows:

First honor: $125.00 per year for the first two years and $175.00 pe year for the remaining two years.

Second honor: $100 per year for the first two years and $150 pe year for the remaining two years.

An academic standing of 2.0 must be maintained.

Music Scholarships

A limited number of music scholarships are granted to students t pay half or all the fees for private music study. Such scholarships ar granted after proper application to the music department and after audi tion on a specified date.

The Mary Northington Scholarship

In March, 1954, the Woman's Missionary Union of Tennessee estab lished a scholarship of $200.00 a year in honor of Miss Mary Northingto

be presented by a W. M. U. college scholarship committee to a young oman. The scholarship is awarded according to qualifications outlined y the Woman's Missionary Union. Application is made to the President f the college for this scholarship.

Sally Person Pigford Music Scholarship

This scholarship is given personally by Mrs. Pigford to an individual elected jointly by her and college authorities. It provides for two private ssons per week throughout the school year to a person who possesses nusual talent in any of the following areas: voice, organ, piano, band nstruments.

Exchange Club Scholarship

The local Exchange Club offers a tuition scholarship each year to a ocal boy who possesses outstanding qualifications as a student and as a itizen. He is given the privilege of choosing either of the local colleges. xchange scholarship students have been on the Union campus for a umber of consecutive years. This scholarship is continued on the basis f satisfactory academic standing.

Judson M. Bemis Scholarship

In 1953 the Bemis Brothers Bag Company established a tuition scholarship for a graduating senior of the Southside High School whose academic and personal qualifications were satisfactory. The scholarship renewable in full for one year on the condition of satisfactory academic anding. Union University cooperates by awarding a one-half tuition cholarship for the junior and senior years under similar conditions.

Alma Greer Scholarship Trust Fund

In August, 1956, Mr. Stanley Greer of Paris, Tennessee, deposited a um of money with the Tennessee Baptist Foundation as a scholarship und in memory of the late Mrs. Greer. The income from this fund is esignated for scholarships for worthy students of high character and ntelligence who have financial needs. Such students are selected by the ollege authorities.

Aram Philibosian Music Scholarship

A full, applied music scholarship for one year for a qualified, gifted rass instrumental major. Instrument to be specified and approved an-

nually by instrumental department. Audition will be required and selec tion will be based on academic scholarship, musical talent, interest, an recommendations by former teachers. Renewable annually.

Mathematics Scholarship
Union University

Union University offers a scholarship of $400 to winners in Region and State-wide competition in Comprehensive Mathematics Examination as follows:

(a) $100 to Freshmen who are eligible for admission to Unio University, who are among the top ten finalists in the state wide comprehensive examinations, or who are first place win ners in the comprehensive regional examinations.

(b) Renewable for $100 in the sophomore year upon continue pursuit of mathematics and satisfactory performance in a subjects.

(c) Renewable for $100 each in the junior and senior years upo the selection of mathematics as a minor or a major subjec field, and upon satisfactory performance in all subjects.

Official certificate, signed by the proper authorities, must be presente

The Algee-Auston Scholarship Fund

The Algee-Auston Scholarship Fund of three hundred dollars, give annually, was established in 1957 by Mr. and Mrs. Shelton Auston c Ridgely, Tennessee, in memory of their parents, Mr. and Mrs. W. R. Alge and Mr. and Mrs. W. T. Auston. This scholarship is for the purpose c assisting two outstanding students from the Sophomore, the Junior or th Senior class, one hundred fifty dollars each to a boy and a girl. Recom mendations from the donors have preference.

The Madison-Chester Association W. M. U. Scholarship

The Woman's Missionary Society of Madison-Chester Association con tributes a fund annually as a scholarship for students of good academi standing who are particularly interested in some form of religious servic Recipients are to be selected jointly by the Union Scholarship Committe and the officers of the Woman's Missionary Society.

Loan Funds

Walter Gray Fund

In August, 1918, Mrs. Sallie Patrick established a student loan fund ı memory of her deceased son, Walter Gray. Subsequently, additional ifts have increased the fund to $2,000.00.

Betty Sevier White Memorial Fund

The Betty Sevier White Memorial Fund was established in January, 919, by her husband, Mr. Henry White, and son, Henry White, Jr., f Jackson, Tennessee. The establishment of this fund is a worthy tribute ɔ one who had been active in her church life and shared a great interest ı young people.

Lanier Fund

In September, 1920, Mr. W. J. Lanier established a fund of $1,500.00 ı memory of his father and mother, Mr. and Mrs. J. P. Lanier, and his aughter, Rubie Marie. The fund, to which additions have been made, used to assist worthy students.

W. H. Nichols Fund

In April, 1921, Mr. W. H. Nichols established a fund to be loaned to ɔung ladies studying for missionary work.

L. J. Brooks Fund

In May, 1921, Dr. L. J. Brooks, an alumnus of West Tennessee College now Union University), established a fund of $1,060.00 in grateful ecognition of his interest in his Alma Mater and in young people who eed assistance in obtaining a college education.

Ministerial Loan Fund

A fund provided in recent years by the Baptist State Executive Board ɔ be loaned to young ministers.

Class of 1922-23

The Class of 1922 established a fund of $1,000.00 as a class memorial. he Class of 1923 added $570.00 to this amount to be used for scholarship urposes for worthy students.

Senior Class Fund

Established by the graduating class of 1959-60, for the purpose o assisting worthy seniors who qualify according to the general regulation governing loan funds.

H. C. Sanders Fund

Because of his deep interest in Christian Education, Dr. H. C. Sande set up a loan fund for worthy young men and women, which now amoun to $1,392.00.

The Crump Fund

Mrs. W. O. Crump, being impressed with the possibilities of loan func for rendering great service to worthy young people, established a fun of $200.

Mrs. Alice Sturgis Auston Loan Fund

This fund was given to the college by Miss Lara Kendall in memor of her mother, Mrs. Alice Sturgis Auston, to be used to aid young wome in securing a Christian education.

Hall-Moody—I. N. Penick Loan Fund

The trustees of Hall-Moody Junior College have transferred to Unio University the loan funds of that college, amounting to more than $3,50 this fund to bear the name indicated. This fund is represented at preser almost entirely by notes of students to whom it has been loaned. It wi become available for students in Union as the notes are paid.

The Henry M. and Lena Myer Kahn Loan Fund

The Henry M. and Lena Myer Kahn loan fund of $1,000 was estab lished in September, 1952, through the interest of Mr. Abe Waldaue attorney of Memphis, who is a trustee of the Kahn estate.

Jarman Loan Fund

In affectionate memory of Reverend and Mrs. L. B. Jarman an because of their interest in missionary students, Mr. Lawson Hugh established a student loan fund of $500 in 1952 to be known as Th Jarman Loan Fund.

Samuel Williams Meek Loan Fund

In memory of Samuel Williams Meek, a loan for worthy students w established by his son Samuel W. Meek.

Norris Gilliam Loan Fund

The Norris Gilliam Loan Fund was established in 1957 by Mrs. Mary . Gilliam and her sons, Norris Jr., and Bobby Joe, in memory of their te husband and father, Norris Gilliam, alumnus and former member of ıe Board of Trustees of Union University. The fund is used for male udents who have dedicated their lives to full time Christian service. Iany friends have added contributions to this fund.

J. Earl Seaton Loan Fund

In April, 1956, Mrs. Earl Seaton established a Student Loan Fund in emory of her husband, J. Earl Seaton. Additions to this fund have been ade. The fund will be used to assist worthy students.

Other Funds

The following loan funds have been established in the names of the onors to be awarded to worthy students according to the discretion of ıe authorities of the college: Alexander Loan Fund, The Burnley Loan und, Savage Memorial Loan Fund, and the Roy McCollum Loan Fund.

Certain Sunday school classes in the First Baptist Church, Jackson, the Ien's Sunday school class of the First Baptist Church, Clarksville, the Vest Jackson Baptist Church, and the W.M.U. of the Central Association ave given funds which have made it possible for several students to re- ıain in school. The late Miss Mabel Edenton established a fund of several undred dollars. The Alma Fulghum Appleton Loan Fund for teachers as established by H. B. Appleton.

A number of churches have provided scholarship funds, some of which re restricted for students from their respective congregations and others e unrestricted.

Still other funds established by individuals and organizations are: Cox, Iinisterial, Crook, Chi Omega, Guy C. Hall, Metz, Missionary Girls, Iattie Mackey, R. K. Bennett, Crockett Loan Fund for Girls, the Lydia ircle Loan Fund, and other friends whose names were withheld by re- uest.

Regulations Governing Loans

The above funds, except those designated otherwise, are loaned under ıe following regulations: First, funds are available to students who have emonstrated their real worth in college. Class records and deportment ı general are considered. Second, six per cent interest is charged. Third, t present, owing to the limited amount at our disposal, we must limit ıe amount loaned to any student to one hundred dollars a year. Fourth, udents who do not have insurance protection or property must offer pproved security. Fifth, the signature of parent or guardian is requested or students under twenty-one years of age.

National Defense Student Loan Program Available For:

1. "Students with a superior academic background who express a *desir* *to teach in elementary and secondary schools";*
2. "Students whose academic background indicates a superior capacit or preparation in *science, mathematics, engineering,* or a *moder* *foreign language."*

Student Employment

The college and community offer opportunities for part-time employ ment to more than one-third of the student body. Individual earning range from a few dollars to a few hundred dollars, according to the kin of work done. The president of the college assigns workships on the colleg campus.

ACADEMIC PROGRAM

Guidance and Counselling

Academic Regulations

Academic Requirements

Courses of Instruction

The purpose of liberal education is the development of understanding, the cultivation of insight, and the guidance of action so as to fit the student for living in; adjusting himself to; and becoming effectual toward changes for betterment in a contemporary world. Freedom and daring of thought are central in the whole process of liberal education.

W. F. Jones

GUIDANCE AND COUNSELLING

Guidance And Testing Service

Guidance and counselling have constituted an integral and important place in the program of every good teacher since the beginning of the art. Only recently, however, has this area of work become an organized procedure in our educational system.

Guidance at Union University consists of a program of activities dealing with all areas of student life in which the assistance of mature persons might be beneficial. A program of testing for freshmen, includes tests of general mental ability, English, mathematics, and reading. On the basis of these tests, students are classified according to their needs, and remedial work in reading and English is offered. This service further provides for laboratory experience in reading on a developmental basis, which is open to all students. Available also in the testing laboratory are aptitude, achievement, general ability and various physical tests. Courses in psychological adjustment and orientation are offered, and a carefully planned program of counselling with reference to problems of a personal, educational and vocational nature is carried out.

A director of guidance co-ordinates the work, but all teachers and staff members are held responsible for guidance whenever and wherever it is needed. Care is exercised to encourage and lead students to accept their responsibilities in the adjustment and solution of their own particular problems.

Union University is authorized to administer the General Education Development tests to veterans and other adults 21 years of age or older.

All students who have not been enrolled previously in Union University are required to complete a battery of prescribed tests as follows:

(a) Freshmen at admission or on dates specified by the dean.

(b) Transfers during first semester as prescribed by the dean.

Pre-Professional and Professional Curricula

Liberal Arts-Professional Degrees

Students who complete the pre-professional requirements, the prescribed work for degree including major and minor requirements and three years residence in Union University before entering a school of medicine, pharmacy, dentistry, engineering, or law may receive the Bachelor Degree upon completing one year in an approved professional school. Union University in cooperation with the Baptist Memorial Hospital offers a four-year course leading to a Bachelor of Science Degree in Medical Technology to be awarded by Union University. The fourth year of this work

is taken at the Baptist Memorial Hospital. All work toward the arts-professional degree must be certified to Union University by April 1 preceding the commencement and application for graduation filed with the registrar's office by October 15, preceding.

Pre-Legal Course

The pre-legal course at Union University is designed to meet the requirements of most law schools in Tennessee and adjoining states. In the event a change of plans or decision warrants continued college work over an extended period, the course follows the general plan of work leading to a degree.

	Semester Hours
English 111, 112, 211, 212	12
History 211, 212	6
Political Science, Sociology or Economics	6
Psychology 214	2
Mathematics or Lab Science	8
Language	14
Art, Drama or Music Appreciation	4
Accounting 211, 212	8
Speech 213	3
Physical Education	2
Religion	6
Electives (Major and Minor)	25
	96

Three-Year Engineering Course

By co-operative agreement with the University of Tennessee a student completing three years as outlined below may transfer to the College of Engineering at the University of Tennessee.

The following three-year program is suggested for students at Union University to be followed by two years in the College of Engineering at the University of Tennessee.* Upon the successful completion of the first year of prescribed study at the University of Tennessee the student will be awarded the B.S. degree by Union University, and will receive the B.S. in Engineering from the University of Tennessee upon the successful completion of his second year of study:

Freshman Year	*Semester Hours*
English 111-112	6
Chemistry 111-112	8
Mathematics 111-112, 114	10
Art 111	2
Education 111	1
Engineering Drawing 111-112	4
History 211 or 212	3
Physical Education 111-112	1
Total	35

*A similar program may be pursued with other recognized engineering schools with the approval of the Engineering Coordinator of Union University.

Sophomore Year

	Semester Hours
English 211-212	6
Mathematics 211-212	8
Physics 211-212	8
Engineering Drawing 211-212	4
Engineering Problems 115	2
Religion	6
Physical Education 211-212	1
Total	35

Junior Year

	Semester Hours
Physics 313-314 (6) or Chemistry 311-312 (8)	6 or 8
Mathematics 313-314-414	9
Engineering 114	2
Speech 213	3
Psychology 214	2
Economics 211-212	6
Elective Fine Arts	2
Elective in Social Science	2
General Electives	4 or 2
Total	36

Students who wish to study Chemical Engineering should take a second ear of chemistry; those who wish to take Industrial Engineering should lect a year of accounting.

Pre-Medical Course

The University of Tennessee School of Medicine and Vanderbilt niversity require three years of College work for entrance into the school f medicine. Medical schools, in general, emphasize the need for a broad eep, cultural background in preparatory work, preferably the bachelor egree, with special emphasis on the subjects in the following outline.

	Semester Hours
Chemistry 111, 112, 311, 312	16
Mathematics 111, 112	6
Biology 111, 112	8
English 111, 112	6
French or German	14
Physics 211, 212	8
Psychology 213	3
Electives	35
	96

Pre-Dental Course

	Semester Hours
Chemistry 111, 112, 311, 312	16
Mathematics 111, 112	6
Biology 111, 112, 213	12
English 111, 112	6
Physics 211, 212	8
Electives	22
	70

Pre-Pharmacy Course

	Semester Hours
Chemistry (must include qualitative analysis) 111, 112	8
English 111, 112	6
Mathematics 111, 112	6
Biology 111, 112, 311	11
Economics	4
Gen. Physics, 211, 212	8
Electives	17
	60

Pre-Medical Technology

	Semester Hours
Biology 111, 112, 213 or 311 and 312	12 or 1
Chemistry 111, 112, 211, 311, 312	19
English 111, 112	6
Mathematics 111, 112	6
Electives	53 or 5
	96

Pre-Nursing Course

	Semester Hours
Chemistry 111, 112, 311, 312	16
Biology 111, 112	8
Mathematics 111, 112	6
English 111, 112, 211, 212	12
History 111, 211	6
Political Science 211	3
Psychology 213, 214	5
Speech 213	3
*Electives	9
Total	68

Teacher Education

Union University accepts teacher education as one of its objectives. The program for teachers as outlined below is in conformity with the new regulations for certification of teachers in Tennessee adopted by the State Board of Education, August 7, 1959.

Program for Teachers

I

Elementary and High School

The work of the freshman and sophomore years is the same for all groups. The work of the junior and senior years is differentiated for teaching positions in elementary and high school areas. Students completing the freshman and sophomore years as outlined below will meet curriculum requirements for the Teachers Emergency Certificate in Tennessee. Prospective teachers must also possess basic character and personality qualifications.

*Electives should be selected to include other required courses for Bachelor of Science Degree in the event the student decides to complete the requirements for the liberal arts degree prior to entering the school of nursing.

Freshman Year

	Semester Hours
English 111-2	6
Natural Science	8
*Mathematics 111, 112, or 115	6 or 2
or	
Foreign Language	8
Art 111	2
Education 111	1
**Physical Education 111, 112	1
Religion 111, 112, or 216, 217	6
***Electives	3
Total	34

Sophomore Year

	Semester Hours
English 211, 212	6
Natural Science	8
or	
Foreign Language	6
Physical Education 211, 212	1
History 211 or 212	3
Psychology 213, 214	5
Political Science 211	3
Health Education 324	3
Music 216	2
Geography 213	2
Total	31-33

II

Elementary Teachers

Students who continue the curriculum for teachers through their junior and senior years and complete the work as outlined below will meet requirements for a Teachers Professional Certificate in Tennessee, grades 1-9.

A. All requirements for the A.B. or B.S. degree.

B. Twenty-four semester hours of professional work: Psychology 313 and 318; Education 313, 314, 315, 316, 317, 319, 323 and 411.

C. Thirty-one semester hours in the subject matter fields listed below:
   1. Language Arts: English 216, Speech 213, and Education 322.
   2. Natural Science: Physics 111 and 112.
   3. Humanities: Art 215, Music 457.
   4. Health and Physical Education: Home Economics 113 or 313; Physical Education 220; Health Education 326.
   5. Social Studies: Geography 311; History 315.
   6. Mathematics: Mathematics 113.

*Math 115 and Foreign Language required for A.B. degree.
**Students excused from required physical education will elect other courses in health education.
***For A. B. degree only.

III

Secondary School Teachers

Students who continue the teacher curriculum throughout their junior and senior years and complete the work as outlined below will meet requirements for a Teachers Professional Certificate in Tennessee, in selected subject fields, grades 7-12.

A. All requirements for the A.B., B.S., or B.M. degrees. A student preparing to teach in Secondary School will select a major in the area in which he plans to teach.

B. Twenty-three semester hours of professional work. Psychology 313 and 318; Education 316, 317, 319, 321, 323, and 413, plus two semester hours of a materials and methods course in the subject matter field in which the student will be certified or additional two hours in practice teaching.

C. Since the number and distribution of semester hours required in each of the subjects, in which it is desired to certificate, will vary among the different subject fields, the student will plan his work in consultation with his advisor and a member of the department of education or the dean or the registrar.

Teachers Temporary Certificate

1. Conditions for Issuance of Certificate.
   a. The applicant must have completed four semesters of college work with not less than 60 semester hours credit including a minimum of 30 semester hours credit in general education.
   b. The applicant must have completed a minimum of 4 semester hours of professional education including a group of experiences designed to develop an understanding of the concepts underlying human growth and development.
   c. The applicant has not previously been issued a Tennessee Temporary Certificate.

Religious Education

THERE APPEARS to be an enlarging field of service for church secretaries, music and religious education directors or a combination of these. Union University seeks to serve the interest of the churches by providing opportunity for training on the college level in these various areas.

The following suggested areas of study are a composite from which students may choose in accordance with their major fields of interest. These areas primarily include the fields of English, Music, Secretarial

Science, Religion and Religious Education. The individual, in conference with his adviser, will choose his areas of concentration in accordance with his specific purposes in preparation.

Placement Bureau

Although a considerable number of each senior class at Union go on to graduate study for one or another of the professions, many enter directly upon their careers. For them the placement committee makes contacts and schedules interviews with representatives of business and industrial firms and school officials. Each year the committee is successful in placing most of the graduates in the careers of their choice.

ACADEMIC REGULATIONS

Definition of Terms

Credit Hour

THE UNIT for counting credit is the semester hour. A semester hour is defined as an hour of class work a week, or its equivalent in laboratory, pursued for one semester. (A semester is approximately 18 weeks.)

Grades and Quality Credits

All work is graded by letter which may be interpreted in percentage figures as follows: A 95-100, B 85-94, C 75-84, D 65-74, F below 65. A, B, C, and D are passing grades; F is failure. A failure can only be removed by repeating the course in class. P, indicating incomplete work or absence from examination by excuse, must be made up within the next semester of the student's residence; otherwise, the incomplete grade becomes a failure. WP is withdrawal from a course and signifies that the student was passing the course at the time of withdrawal. Such withdrawal is given during the period allowed for officially dropping a course. Such withdrawal may be granted by the dean at any time after this period if the student meets conditions as stated under regulations concerning dropping of classes. WF is withdrawal from a course and signifies that the student was failing the course at the time of withdrawal.

The various grades with their corresponding quality credits are shown below:

A—3 quality credits for each hour of credit

B—2 quality credits for each hour of credit

C—1 quality credit for each hour of credit

D, F, and P carry no quality credit. Two quality credits shall be subtracted for each hour of F grade and WF.

For graduation a student must present a minimum of 128 semester hours and 128 quality credits. When more than 128 hour credits are presented, the number of quality credits must equal the number of hour credits.

Student Classification

Students will be classified as follows:

FRESHMEN—A student who has no conditions required for entrance and who is carrying at least 12 hours of work.

SOPHOMORE—A student who has at least 24 hours of college credit.

JUNIOR—A student who has at least 56 hours of college credit.

SENIOR—A student who has at least 86 hours of college credit, at least 86 quality credits, and has completed all prescribed freshman and sophomore courses for graduation—pages 72-73. This regulation becomes effective for all students beginning with school year 1962-63.

Major and Minor

A major consists of a minimum of 24 hours in a single department. A minor consists of a minimum of 18 hours in a single department. Ten hours of a major and 6 hours of a minor must be done in junior and senior courses.

Dean's List

Students who make an average of B or above with not more than one C for the semester are placed on the semester honor roll, the Dean's List.

General Academic Regulations

Change of Classes

A STUDENT making a change in his class schedule after completion of his registration will complete this procedure:

1. Obtain proper forms from registrar's office.
2. Secure the signatures of adviser and of the professor in whose class he is enrolling.
3. Present to the dean for final approval.
4. Secure the bursar's stamp.

Fees as specified on the change card are payable for all changes in class schedules except when such changes are requested by the dean.

No change may be made in classes after one and one-half weeks of the term have elapsed.

Dropping of Classes

COURSES may be dropped after the fourth week without penalty under the following circumstances:

1. Extreme illness, in which case a physician's certificate approved by the college physician must be submitted and approved by the dean.
2. Other circumstances beyond the student's control, approved by the dean.

In the event of the above conditions the student shall receive the grade of WP (signifying passing at the time of withdrawal) or the grade of WF (signifying failing) as indicated by the instructor.

All withdrawals without the dean's permission will receive WF in al courses pursued.

Withdrawal From School

A STUDENT withdrawing from school during a semester must clear wit Registrar's Office and Business Office by completing drop cards.

Students will be allowed to withdraw after 14 weeks under condition stated in (1) and (2) and will receive P (postponed grade) in al courses.

Scholastic Regulations

A STUDENT must maintain a satisfactory scholastic standing in order t remain enrolled in Union University.

Satisfactory scholastic standings are:

Freshman	.75
Sophomore, Junior, Senior	1.0

A student failing to attain and maintain the scholastic standing require for his classification is placed on scholastic probation. He is given on semester to remove probation.

Failure to remove probation will result in suspension for one semeste

A student readmitted following such suspension will be allowed on semester to remove probationary status. Freshmen readmitted after sus pension and who remove scholastic probation are granted one additiona semester to meet satisfactory scholastic standing for sophomor classification.

Failure to remove scholastic probation the second time is equivalen to exclusion.

A student may appeal to the dean to appoint a committee to review hi case before he is *excluded* from the university.

A student who fails all academic courses for which he is enrolled wi be suspended for one semester.

A student who has been suspended for one semester must be approve by the committee on admissions for readmission to the university.

Honor Students

STUDENTS making an average of 2.5 or above during their college caree graduate as honor students, as follows: 2.50-2.66 cum laude; 2.67-2.8 magna cum laude; 2.84 and above, summa cum laude. These averages ar based on four years at Union University.

Numbering of Courses

THE COURSES in the different departments are numbered from 100 to 600.

Courses from 100 to 199 are freshman courses.

Courses from 200 to 299 are sophomore courses.

Courses from 300 to 399 are junior courses.

Courses from 400 to 599 are senior courses.

Size of Classes

EXCEPT under extreme circumstances, classes will be composed of a minimum of 10 to 12.

Regulations Concerning Quantity of Work

FRESHMEN may not register for more than seventeen hours, including physical education, during their first semester, except those who have a superior high school record and a superior rating on tests administered by the college. After this time they may register for not more than seventeen hours unless during the preceding semester they made an average of B or above. The maximum number of hours for any student is eighteen.

Class Absences

A student whose unexcused absences exceed the number of times the class meets per week will be charged with one-half semester hour per course missed. If his unexcused absences exceed more than twice the number of times the class meets per week, he will be charged with an additional one-half semester hour per course. Negative hours will be charged against the total number of hours for which the student is enrolled.

For each negative hour or fraction thereof, a corresponding number of quality credits will be deducted from the total number of quality credits credited to the student's record.

A student whose unexcused absences equal three times the number of times the class meets per week will be automatically dropped from the class.

A STUDENT may not receive credit in a course from which he is absent *for any reason* during the semester more than the following maximum: Four Hour Course—20 times; Three Hour Course—15 times; Two Hour Course—10 times; One Hour Course—5 times.

Chapel Absences

All students carrying twelve or more hours are required to attend the regular chapel exercises twice each week. Chapel absences are excused on the same basis as class absences. When a student accumulates four unexcused chapel absences, he is subject to discipline by the discipline committee. A student who accumulates seven unexcused chapel absences within a semester is automatically suspended for the remainder of the semester.

Absences are excused by the Academic Dean in case of illness or equivalent.

ACADEMIC REQUIREMENTS

Graduation Requirements

General Requirements

THE TOTAL NUMBER of semester hours required for graduation is 128. Of this total 42 hours must be junior and senior courses.

Degrees Offered

Union University offers three degrees—Bachelor of Arts, Bachelor of Science, and Bachelor of Music.

A student may have two degrees conferred when the requirements of both have been met fully, provided that he has a minimum of thirty hours to offer, over and above that required for the first degree. See page 57 for information regarding Arts-Medical, Arts-Dental, Arts-Pharmacy, Arts-Law, and Arts-Technological degrees.

Minimum Attendance

Time, as well as hours of credit, is required for graduation. A minimum of seven semesters of residence in an approved college is required for graduation. Of this time two semesters must be done in residence at Union University. All work of the semester preceding graduation must be done in Union, except that of Pre-legal, Pre-medical, Pre-technological, Pre-dental, Pre-pharmaceutical, and Engineering students.

Work in Residence

A transfer student is required to take in residence at Union eight semester hours in his major field and six semester hours in his minor field.

Minimum Amount of Language and Science Allowed

No credit toward graduation will be given for less than a year of first year language taken in college. No credit toward graduation will be given for less than a year of freshman chemistry or general physics.

Maximum Hours Allowed in a Subject

The maximum number of hours allowed in any one subject field is 36.*

Application for Graduation

Application for graduation should be filed in writing with the Registrar not later than the beginning of the second semester prior to the June Convocation.

*Does not apply to B.M. Degree.

Faculty Approval

All candidates for graduation must be approved by the faculty. All conditions should be removed by the opening of the last semester.

Exemption From Examination

Seniors who have met all other requirements for graduation will be exempt from the final examinations in courses taken during their last semester or term.

Comprehensive Examinations

Seniors are required to take the graduate record examinations both in the areas of general education and in their fields of major study.

Course Requirements for Graduation

Students may graduate either under the course requirements specified in the catalog of the year of their admission or those in force at the time of their application for graduation. In case five years have elapsed since a student's latest enrollment in Union University, he may graduate either under the course requirements of the catalog of his re-admission or those in force at the time of his application for graduation.

Scholastic Requirements

The completion of the required 128 hours usually requires four years of 32 semester hours per year. Of these the freshman and sophomore years are spent in general, or core curriculum work, comprising courses in widely separated subjects. During the remaining two years, the student may combine his work within comparatively narrow limits. The work for the entire four-year course consists of (1) prescribed courses, (2) major and minor courses, (3) electives.

Electives

A certain number of electives may be taken from the regular college courses offered in each department. The wise student will always complete his required work first. Failure to do this frequently forces students to take more than 128 semester hours in order to graduate.

Majors and Minors

By the beginning of his junior year, each student is required to select one subject as his major and one subject as his minor and to file a Senior Rating Sheet with the Registrar. A major consists of a minimum of 24

semester hours. The minor consists of a minimum of 18 semester hours. Of the requirements in the major 10 hours must be from the upper division courses—i.e., courses numbered above 299. Of the requirements in the minor 6 hours must be from upper division courses. All majors and minors must be approved by the major and minor professors and the registrar of the college.

The following majors are offered.

Bachelor of Arts

Art	French	Psychology
Business Administration	History	Religion
Elementary Education	Mathematics	Spanish
English	Music Literature	

Bachelor of Science:

Biology	Elementary Education	Physical Education
Business Administration	History	Psychology
Chemistry	Mathematics	Physics

Bachelor of Music:

Instrumental	Voice	Sacred Music
Piano	Music Education	
Organ	General Supervisor	
Band Instruments	Instrumental Supervisor	

The following minors are offered.

Art	English	Physical Education
Biology	French	Physics
Business Administration	Greek	Psychology
Business Education	History	Religion
Chemistry	Home Economics	Sociology
Secondary Education	Mathematics	Spanish
Economics	Music Literature	Speech

Prescribed Courses for Graduation With a Bachelor of Arts Degree

English 111-2, 211-2	12 hours
Foreign Language**	Equivalent to 2 years college language
Speech 213	3 hours
Science	1 year
or	
Mathematics 111, 112 and 1 course selected from 113, 213 or 115	8 hours
History 211 or 212	3 hours
Psychology 214	2 hours
Other Social Science (To be selected from at least 2—Geography, History, Sociology, Economics, Political Science, Home Economics 320)	7 hours
Religion 111, 112, 216, 217 (any 2)	6 hours
Fine Arts (To include at least two of the following: Art 111, Dramatic Art 113, Music 216)	4 hours
Physical Education 111-2, 211-2	2 hours

**A student with two high school units in a foreign language and who o entering college shows on an entrance examination in the language that he capable of doing second year college work, may complete the language requir ments by taking six additional semester hours on the second year level in th same language. By examination a student showing exceptional ability may, if h chooses, enroll in courses above the 211-12 level to satisfy his language requir ment.

If the student fails to meet second year entrance requirements, it is recon mended that he begin a new language in college and take 14 semester hours, c take without credit in the language studied in high school part or all of the fir year courses in that language, the amount to be determined by demonstrate ability on the entrance test, and six additional semester hours on the second ye level with credit in the same language.

Advanced placement will be given when recommended as the result of Colle Board Placement Examination. Placement to be determined after conference wit dean.

Prescribed Courses for Graduation With a Bachelor of Science Degree

English 111-2, 211-2	12 hours
Speech 213	3 hours
Laboratory Science (To include 1 year each of two fields)	2 years
Mathematics 111, 112 and 1 course selected from 113, 213 or 115	8 hours
History 211 or 212	3 hours
Psychology 214	2 hours
Other Social Science (To be selected from at least 2—Geography, History, Sociology, Economics, Political Science, Home Economics 320)	7 hours
Religion 111, 112, 216, 217 (any 2)	6 hours
Fine Arts (To include at least two of the following: Art 111, Dramatic Art 113, Music 216)	4 hours
Physical Education 111-2, 211-2	2 hours

Prescribed Courses for Graduation With a Bachelor of Music Degree

English 111-2, 211-2	12 hours
Foreign Language (Voice majors)	2 years
(Other music majors)	1 year
Speech 213 (Music Education majors only)	3 hours
Physics 214	3 hours
History 211 or 212	3 hours
Psychology 214	2 hours
Other Social Science (To be selected from Geography, History, Sociology, Economics, Political Science, Home Economics 320)	3 hours
Religion 111, 112, 216, 217 (any 2)	6 hours
Fine Arts (To include at least two of the following: Art 111, Dramatic Art 113, Music 216)	4 hours
Physical Education 111-2, 211-2	2 hours

DIVISIONAL ORGANIZATON OF CURRICULUM

The various academic departments of Union University are grouped into four major divisions primarily for administrative and organizational purposes. The respective divisions include the subject fields which are interrelated and have common elements or characteristics either in content or in the nature of the learning processes involved. As a result of such organization rigid barriers have been reduced and a natural provision acquired for the interrelation of instructional procedures and for professional development.

Students are required to pursue certain prescribed courses in each division in order to attain the Bachelor's degree. Beyond these requirements they may choose from the various subject fields for majors and minors and electives.

The instructors in each division are organized as a unit for the purpose of coordinating the work of the division under the leadership of the divisional chairman.

I. DIVISION OF FINE ARTS

JOHN HUGHES, *Chairman*

Art	Music
Dramatic Art	Speech

II. DIVISION OF HUMANITIES

WILLIS HAMILTON KIMZEY, JR., *Chairman*

English	Philosophy
Languages	Religion

III. DIVISION OF NATURAL SCIENCE

RALPH DONNELL, *Chairman*

Biology	Mathematics
Chemistry	Physics

IV. DIVISION OF SOCIAL SCIENCE

RICHARD HIRAM WARD, *Chairman*

Business Administration	Health and Physical Education
Business Education	History
Economics	Home Economics
Education	Political Science
Geography	Psychology

DIVISION OF FINE ARTS

The Division of Fine Arts has as its major objectives the following:

1. To aid in unifying and co-ordinating the work being offered in the various areas of the fine arts.
2. Through concentrated effort to promote greater interest in the arts.
3. Through combined efforts to offer greater impetus to the activities sponsored by a single area within the division.

ART
DRAMATIC ART
MUSIC
SPEECH

MUSIC

The college recognizes that a complete curriculum in the liberal art college should include a department of music in which a student ma obtain a Bachelor of Music degree, a major or a minor in music unde a Bachelor of Arts degree, or in which a student may take private lesson in applied music either with or without credit.

The aim of this department is to develop a high standard of musician ship, to equip the student with the musical skills necessary for him to b a professional and vocational leader, and to provide for the studen cultural experiences in music. More directly, the department aims a preparing public school music teachers with state certification in the field of vocal instruction as well as instrumental (band) instruction, and a training church musicians.

General Regulations for Students in the Department of Music

1. All Bachelor of Music degree candidates and music majors an minors under the Bachelor of Arts degree will be required to take band o chorus each semester of resident work, and may be permitted to take both simultaneously for credit.

2. Each music major and minor candidate under the Bachelor c Arts degree and all Bachelor of Music degree candidates will be expecte to appear in recital at least once the first year of study, twice the second third, and fourth years, including a graduation recital. Bachelor of Musi degree candidates will be required to present a junior recital as well as senior recital.

3. All Bachelor of Music degree candidates with a major other tha piano or organ and all Bachelor of Arts degree students with a majo or minor in music other than piano or organ must take class or privat piano, or show a proficiency in piano to a degree which will enable th student to play simple accompaniments, scales in all keys, in both majo and minor modes, broken chords (triads, dominant and diminishe sevenths), simple melodic transposition.

4. Music majors and minors will be required to attend all concert and recitals on the campus.

5. A minimum of two hours' daily practice is required in each applie music course.

6. Upon entering Union, each music student will be examined as t his ability to engage in the study of music on the college level or t continue in the study of music if a transfer student from anothe institution.

7. Private music lessons will be made up at the convenience of the instructor if notification of illness or any reasonable cause is made prior to lesson period. Cuts will not be made up.

8. No private lessons will be given during semester examinations. Time will be used for private study examinations.

9. Music students must secure approval from head of department for appearance in public performances.

10. Voice majors and minors must elect French or German for language requirements.

11. Music majors will be expected to become members of the Allegro Club.

12. Bachelor of Music Degree students will automatically have a minor in theory.

13. Music degree candidates will be required to take two ensembles throughout their course of study but only 8 semester hours of credit in ensembles will be counted toward graduation.

14. The Singers' Diction will be required of all voice majors.

15. Music 217 will be required of all music majors, minors, and Bachelor of Music degree candidates as one of the two Fine Arts courses in the core curriculum.

16. Applied music credit will be granted as follows:

(1) Bachelor of Music Degree: three hours' credit per semester up to the senior year. Four hours credit per semester for the senior year.

(2) Bachelor of Arts Degree: Two hours credit per semester up to the senior year. Three hours credit per semester for the senior year.

(3) Music Education Major under the Bachelor of Music Degree: Two hours' credit per semester up to the senior year. Three hours' credit per semester for the senior year.

(4) Students wishing to take only one half hour lesson per week in applied music may receive one hour credit per semester.

Note: The Music Department reserves the right to decide each year according to the demand and need of the students just which of the courses listed shall be taught.

17. Applied music credit for summer school (granted *only* for study through both terms of summer school) will be granted as follows:

(1) Bachelor of Music Degree: Three hours' credit for four ½ hour

lessons per week up to the senior level. Four hours' credit fo senior level.

(2) Bachelor of Arts Degree: Two hours' credit for three ½ hou lessons per week up to the senior level. Three hours' credit fo senior level.

(3) Music Education under the Bachelor of Music Degree: Sam amount of credit and lesson time as for the Bachelor of Ar Degree.

(4) Students wishing to receive only one hour's credit will take tw ½ hour lessons per week through both summer terms.

18. The applied major will consist of twenty-four semester hours i the specific applied area. Exceptions to this amount of credit in th major due to changes of curriculum or other reasons must be approve by the head of the Music Department and Registrar.

DEPARTMENTAL MAJOR REQUIREMENTS

In addition to the basic core curriculum requirements for the Bachel of Music degree, the following courses must be taken:

INSTRUMENTAL MAJOR

Music 111-2, 211-2—Harmony
Music 181-2—Ensemble
Music 213-4—Advanced Sight Singing and Ear Training
Music 311-2—Conducting
Music 313-4—Orchestration
Music 315-6—Music History
Music 317-8—Form and Analysis
Music 411-2—Counterpoint
Music 413-4—Composition
Music 415-6—Pedagogy and Literature
Applied music—equivalent of four years in major field

VOICE MAJOR

Music 111-2, 211-2—Harmony
Music 147-8—Ensemble
Music 213-4—Advanced Sight Singing and Ear Training
Music 311-2—Conducting
Music 315-6—Music History
Music 317-8—Form and Analysis
Music 411-2—Counterpoint
Music 415-6—Pedagogy and Literature
Applied music—equivalent of four years in major field (voice)

MUSIC EDUCATION, GENERAL SUPERVISOR

lusic 111-2, 211-2—Harmony
lusic 213-4—Advanced Sight Singing and Ear Training
lusic 311-2—Conducting
lusic 315-6—Music History
lusic 317—Form and Analysis
lusic 411-2—Counterpoint
pplied music—equivalent of four years in major field (voice)

MUSIC EDUCATION, INSTRUMENTAL SUPERVISOR

lusic 111-2, 211-2—Harmony
lusic 213-4—Advanced Sight Singing and Ear Training
Music 237—String Methods
Music 238—Woodwind Methods
Music 239—Brass Methods
lusic 311-2—Conducting
lusic 313—Orchestration
lusic 315-6—Music History
lusic 317—Form and Analysis
*Music 415-16—Pedagogy and Literature
*Music 457—Public School Music
pplied music—equivalent of four years in major instrumental field

SACRED MUSIC MAJOR

lusic 111-2, 211-2—Harmony
lusic 181-2, if piano or organ major; Music 147-8, if voice major—Ensemble.
lusic 213-4—Advanced Sight Singing and Ear Training
lusic 311-2—Conducting
lusic 313-4—Orchestration
lusic 315-6—Music History
lusic 317-8—Form and Analysis
lusic 411-2—Counterpoint
lusic 413-4—Composition
lusic 415-6—Pedagogy and Literature
lusic 323—Hymnology
lusic 324—Choral Procedures
lusic 329—Choral Literature
lusic 215—Church Music
pplied music—equivalent of four years in major field

*Required of non-keyboard instrumentalists.
*Required of keyboard instrumentalists.

In addition to the basic core curriculum requirements for the Bachelor of Arts degree, students desiring a music literature major or minor under this degree must take the following courses:

I. Major in Music Literature—26 hours
   - A. Applied Music ..... 10 hours
   - B. Music History ..... 6 hours
   - C. Harmony ..... 6 hours
   - D. Pedagogy and Literature ..... 4 hours

II. Minor in Music Literature—20 hours
   - A. Applied Music ..... 6 hours
   - B. Music History ..... 6 hours
   - C. Harmony ..... 6 hours
   - D. Pedagogy and Literature ..... 2 hours

THEORETICAL COURSES

115-6. Elementary Theory of Music. A course designed particularly for the layman. Stresses fundamentals and essentials of music notation and terminology. No credit given to music majors. Meets twice weekly for two semesters. Two hours' credit per semester.

111-2. Elementary Harmony. Intensive drill in formation of scales, intervals, and triads. Principles of chord progressions, cadences. The dominant seventh chord and its simple resolution. Assigned melodies, basses, and original work. Simplest modulations. Approximately one third of time will be spent in keyboard harmony. Sight-singing proficiency to level of Music 114 prerequisite for students with poor musical background. No credit allowed toward graduation for less than two semesters. Meets three times per week for two semesters. Three hours' credit per semester.

113-4. Elementary Sight Singing and Ear-Training. Recognition and writing of intervals. Drill in simple rhythms. Practical sight-singing in one or more parts. Prerequisite: proficiency to level of Music 110. Meets twice weekly per semester. Two hours' credit per semester.

211-2. Advanced Harmony. Inversions of the dominant seventh chord, regular and irregular resolutions. The diminished seventh chord, secondary seventh chords, dominant ninth chords. Simple ornamentation. Assigned melodies, basses, and original work. Further drill in modulation. Approximately one third of time will be spent in keyboard harmony. Prerequisites: Music 111-2 and proficiency to level of Music 214. No credit allowed toward gra

duation for less than two semesters. Meets three times weekly. Three hours' credit per semester.

213-4. Advanced Sight Singing and Ear-Training. Continuation of Music 113-4. Emphasis on rhythmic, melodic, and harmonic dictation and polyphonic singing. Prerequisite: Music 113-4 or sight singing proficiency. Meets twice weekly. Two hours' credit per semester.

215. Church Music. A general survey of the music program in the church with particular emphasis on the Southern Baptist denomination. Organization and administration of a complete, well-rounded music program in the local church. Two hours per week for one semester. Two hours' credit.

216. Music Appreciation (for non-music majors). A course dealing with the development of music from the pre-Bach age to the modern period. Opportunity is provided for the student to listen to recordings illustrative of the various periods. Meets twice weekly for one semester. Two hours' credit.

217. Music Appreciation (for music majors). A course designed for music majors on a higher level of advancement than Music 216. Deals at length with symphonic, operatic, chamber music, and solo literature. Instruction in more discerning listening and in criteria for judgement of quality in musical composition. Meets twice weekly for one semester. Two hours' credit.

218. Singers' Diction. A course in the pronunciation of Italian, French, German, Spanish, Portuguese, and ecclesiastical Latin. Required of voice majors. Meets one hour per week for one semester. One hour's credit.

237. String Methods. A class of string instruments is conducted as an introduction to the teaching of stringed instruments. Meets once each week for one semester. One hour credit.

238. Woodwind Methods. A class in woodwind instruments is conducted as an introduction to the teaching of woodwind instruments and as a demonstration of class teaching of these instruments. Meets once each week for one semester. One hour credit.

239. Brass and Percussion Methods. A class of brass and percussion instruments is conducted as an introduction to the teaching of these instruments, and as a demonstration of class teaching of them. Meets once each week for one semester. One hour credit.

311-2. Conducting. A study of the history and evolution of the art of conducting musical groups; the use and applied technique of the baton; problems of vocal and instrumental conductors; essential qualifications of a successful conductor; choral and instru-

mental score reading. Meets one time per week for two semesters. One hour credit per semester.

313-4. Orchestration. A study of the individual characteristics of the various instruments of the modern orchestra. The arrangement for orchestra and band of original or standard compositions and arrangements for ensemble groups. Preparation of orchestral and ensemble scores. Prerequisite: Music 211-2. Meets twice weekly for two semesters. Two hours' credit per semester.

315-6. History of Music. Music from ancient and medieval times to the present day, showing contributions to our present musical culture. The development of the opera, orchestra, instrumental music, etc. Contemporary trends. Observation and performance of typical compositions of representative composers, including little known early works. Collateral reading and reports. Prerequisite: Music 116. Meets three times per week for two semesters. Three hours' credit per semester.

317-8. Form and Analysis. Nomenclature. Consideration of musical form in music from ancient and medieval periods, through the polyphonic and nineteenth century periods, to the present day. Prerequisites: Music 211-2. Meets twice weekly for two semesters. Two hours' credit per semester.

320-1. Opera Workshop. Lectures and discussions covering operatic literature. Workshop sessions devoted to rehearsals of scenes and arias from operas studied. Prerequisite: Music 144. Meets twice weekly for two semesters. Two hours' credit for each semester.

322. Choir Workshop. A class in methods and materials for grade choirs. Course includes supervised directing of various age groups and observance of various age groups. Prerequisite: Music 31. Meets once weekly for one semester. One hour's credit.

323. Hymnology. Analysis and appreciation of the great hymns of the church. A study of their sources, development, and use in services of today. Meets three times per week for one semester. Three hours' credit.

324. Choral Procedures. A course dealing with methods and techniques of choral training. Emphasis will be placed on a graded choir program and methods of instruction for all age levels. Part of the course will be devoted to a practice-directing approach in which students will receive actual experience in directing choirs of all age levels in local churches cooperating with the school in the project. Meets twice weekly for one semester plus a laboratory session of one and a half hours each week. Three hours' credit.

329. Choral Literature. A survey of the important literature in the choral field from the time of Palestrina to the present day. Emphasis will be placed on the larger forms. Much importance will be attached to student participation in reading as much choral literature as possible. Meets three times per week for one semester. Three hours' credit.

411-2. Strict Counterpoint. The study of the five individual species and florid combined species of strict contrapuntal writing. Prerequisites: Music 111-12. No credit toward graduation for less than two semesters. Meets twice weekly for two semesters. Two hours' credit per semester.

413-4. Musical Composition. A study of methods and styles of musical composition. Actual compositions prepared by the students. Prerequisites: Music 211-2, 317-8. Meets twice weekly for two semesters. Two hours' credit per semester.

415-6. Pedagogy and Literature. A course of instruction primarily for instrumental or voice majors of advanced standing, considering the literature and methods of instruction in the respective field. Meets twice weekly for two semesters. Two hours' credit per semester.

457. Public School Music. Selection and presentation of rote songs; the child voice in singing; treatment of the unmusical child; development of rhythmic and melodic expression; introduction of staff notation; directed listening. Meets twice weekly for one semester. Two hours' credit.

APPLIED MUSIC

121-2, 221-2. Class Piano. Basic keyboard musicianship and piano playing in ensemble and solo selections graded according to those in each section of class. Meets twice weekly for two semesters. One hour's credit per semester.

125-6. Freshman Piano. All major scales, 4 octaves, at a moderate tempo; all triads and inversions, authentic and plagal condences in all keys; Etudes or exercises selected from Hanon, Czerny, Cramer; Bach, Little Preludes and Fugues, Two-Part Inventions; Sonatas of Haydn, Mozart, Beethoven; compositions by other classic and romantic composers. A minimum of three compositions must be satisfactorily played and two must be completely memorized at the end of the semester. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

225-6. Sophomore Piano. Continuation of technical plan including all major and minor scales and broken chord studies. Bach, Well-Tempered Clavier, Three-Part Inventions or material of similar grade; Beethoven Sonatas; Compositions of other classic romantic and contemporary composers. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

325-6. Junior Piano. Continuation of technical studies including all major and minor scales, and arpeggios in root position. Bach French Suites or Preludes and Fugues from the Well-Tempered Clavier; Beethoven or Mozart Sonatas. Compositions of other classic, romantic, and contemporary composers. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

425-6. Senior Piano. Continuation of technical studies including scales in 3rds, 6ths, and 10ths; Arpeggios in all positions. The student will be examined each semester in advanced material studied during the senior year. Senior recitals shall consist of one of the more difficult Beethoven, Schumann, or Chopin sonatas or an polyphonic work of similar grade; Chopin Etudes; pieces by Chopin, Brahms, Debussy, and contemporary composers. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

525-6. Senior Piano. A course of advanced piano instruction for students with exceptional musical background. Prerequisites Music 125 through 426. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

127-8. Freshman Organ. Stainer, The Organ; Bach, Eight Little Preludes and Fugues; pedal scales; hymns; miscellaneous compositions from the nineteenth and twentieth centuries of not too advanced level of difficulty. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

227-8. Sophomore Organ. Bach, preludes and fugues of approximately the E Minor (Cathedral) level of difficulty; sonatas of the level of difficulty of Mendelssohn's second Sonata; selected examples from the Bach Orgelbuchlein; miscellaneous nineteenth and twentieth century compositions of a lyrical nature and of a level of difficulty comparable with the above compositions. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

327-8. Junior Organ. Bach, Chorale Preludes, Second Sonata, Preludes and Fugues in E minor and A minor, or works of comparable difficulty; more difficult Mendelssohn sonatas; Franck, Piece Heroique; contemporary works by Milhaud, Bingham, Purvis, etc. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

427-8. Senior Organ. Bach, B Minor (Great) Prelude and Fugue, Fantasie and Fugue in G Minor, Third Sonata; Vierne, Symphony No. 1; Widor, Fifth Symphony; miscellaneous compositions of comparable difficulty. Two private half-hour lessons weekly. Two, three, or four hours' credit per semester.

527-8. Senior Organ. A course of advanced organ instruction for students with exceptional musical background. Prerequisites: Music 127 through 428. Two private half-hour lessons weekly for two semesters. Two, three. or four hours' credit per semester.

131-2, 231-2, 331-2, 431-2, 531-2. String Class. The study of the string instruments through the medium of class work. Instruments for this instruction are supplied by the department. Meets twice weekly for two semesters. One hour's credit per semester.

133-4. Freshman Violin. Method of Maia Bang or another approved method. School of Violin Technique, Op. 1, Book I, by Sevcik. Daily Studies by Zajic-Czerwonky. Etudes by Wohlfahrt. Scales, Pieces, and arpeggios in grade. Hayser, Op. 20, Book I; Allard, Op. 10, No. 1. Dancla, Op. 126. Solos chosen to apply technique. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

233-4. Sophomore Violin. Kayser, Book II. Dancla, School of the Five Positions, Op. 122, Dont, Op. 27, A minor. Selected studies, concertos and solos to meet the need of the individual student. Kreutzer Etudes. Rode Etudes, Rode Concertos, Nos. 4, 7, 8. Viotte No. 23, 19, or 22. Compositions by Leonard DeBeriot, Czerwonky, Saenger, Severn and others. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

333-4. Junior Violin. School of Violin Technique, Op. 1, Book II, and School of Bowing by Sevcik. Double Stop Studies by Hogman. Studies by Kreutzer and Fiorillo. Concertos, Spohr 2, 6, 8, or 9. Wieniawski, No. 2. Vieuxtemps, Nos. 4 or 5. Schradieck, 25 Studies. Technical Studies by Sevcik. Etudes by Rode, Sebald,

and Dont. Concertos by Vieuxtemps, Mozart and Max Bruch Pieces by Wieniawski, Sarasate, Hubay, Czerwonky, Kreisler, and others. Two private half-hour lessons weekly for two semesters One, two, or three hours' credit per semester.

433-4. SENIOR VIOLIN. Technique of Grade 6 continued. Concertos by Mendelssohn, Saint-Sæns and Symphonic Espagnole by Lalo Paganini Caprices. Bach Sonatas for Violin alone. Concertos and concert pieces. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

533-4. SENIOR VIOLIN. A course of advanced violin instruction for students with exceptional musical background. Prerequisites: Music 133 through 434. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

183-4. FRESHMAN VIOLA. Major and minor scales and arpeggios studies from Kreutzer, Sitt, etc. Elementary solos; concertos and pieces by Nardini, Sitt, Bach, Handel. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

283-4. SOPHOMORE VIOLA. Major and minor scales and arpeggios studies of Mazas, Hohmann, Fiorillo, Kreutzer, etc. Sonatas by Mendelssohn, Dittersdorf, Bach, and Italian masters. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

383-4. JUNIOR VIOLA. Major and minor scales and arpeggios through three octaves; studies from Kreutzer, Sitt, Fiorillo, etc. Concerto and pieces by Sitt, Vieuxtemps and Handel; sonatas of Bach Beethoven, Mozart and Italian masters. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

483-4. SENIOR VIOLA. Major and minor scales and arpeggios through three octaves; studies from Kreutzer (double stops), Fiorillo, etc Advanced works by Bach, Beethoven, Mozart, Mendelssohn. Two private half-hour lessons weekly. Two, three, or four hours' credit per semester.

583-4. SENIOR VIOLA. A course of advanced viola instruction for students with exceptional musical background. Prerequisites: Music 183 through 484. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

185-6. FRESHMAN VIOLONCELLO. Major and minor scales; studies by Duport, Franchomme, etc. Sonatas by old Italian masters. Selected passages for violoncello from orchestral works. Two private half-hour lessons weekly. One, two, or three hours' credit per semester

285-6. Sophomore Violoncello. Major and minor scales through four octaves; studies by Grutzmacher, Franchomme, Duport; arpeggios. Sonatas for 'cello alone by Bach; compositions from concert repertory. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

385-6. Junior Violoncello. Scales in octaves, thirds and sixths; studies by Duport, Servais, etc. Concertos by Golterman, Saint-Saens, etc., sonatas by Mendelssohn, and modern composers. Concert pieces. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

485-6. Senior Violoncello. Scales in octaves, sixths, thirds, and tenths; studies by Franchomme, Piatti, Servais, etc. Chamber music. Sonatas and concertos. Two private half-hour lessons weekly. Two, three, or four hours' credit per semester.

585-6. Senior Violoncello. A course of advanced violoncello instruction for students with exceptional musical background. Prerequisites: Music 185 through 486. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

187-8. Freshman Double Bass. Bow studies, intervals, positions, Simandl Method Book 1. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

287-8. Sophomore Double Bass. Simandl, Fundamental Method, Book 1; major and minor scales and broken chords. Selected passages for Double Bass from orchestral literature. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

387-8. Junior Double Bass. Simandl, Fundamental Method, Book 2; thumb position scales in three octaves. Transposition. Passages from orchestral literature, both symphonic and operatic, for Double Bass. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

487-8. Senior Double Bass. Simandl, Fundamental Method, Book 3; scales in four octaves; arpeggios; double stops. Solos by Abert, Gianicelli, Stein, Simandl, etc. Chamber music. Orchestral literature. Two private half-hour lessons weekly. Two, three, or four hours' credit per semester.

587-8. Senior Double Bass. A course of advanced Double Bass instruction for students with exceptional musical background. Prerequisites: Music 187 through 488. Two private half-hour

lessons weekly for two semesters. Two, three, or four hours' credi per semester.

159-60. Freshman Flute. Tone studies; scales and arpeggios i various forms; Reichert, Exercises Journaliers; Boehm Studies Soussman Etudes for Flute. Two private half-hour lessons weekl One, two, or three hours' credit per semester.

259-60. Sophomore Flute. Same as above; solos by Cere, Leeuwar Anderson. Two private half-hour lessons weekly for two semester One, two, or three hours' credit per semester.

359-60. Junior Flute. Continuation of above; Lorenzo Studie Kuhlau, solos and duets; Orchestral Studies; ensemble. Two pr vate half-hour lessons weekly for two semesters. One, two, or thre hours' credit per semester.

459-60. Senior Flute. Same as above; Anderson, School of Virtu osity; Bach Sonatas; Mozart Concert; Orchestral Studies. Tw private half-hour lessons weekly for two semesters. Two, three, four hours' credit per semester.

559-60 Senior Flute. A course of advanced flute instruction for st dents with exceptional musical background. Prerequisites: Mus 159 through 460. Two private half-hour lessons weekly for tw semesters. Two, three, or four hours' credit per semester.

161-2. Freshman Oboe. Brod-Gillet, Oboe Method; Andraud ar Verroust, Studies; Scales and Arpeggios; Solos by Pierne, Wid and Limon. Two private half-hour lessons weekly. One, two, three hours' credit per semester.

261-2. Sophomore Oboe. Brod, Lemotte and Luft studies: solos ar sonatas by Mozart, Godard, Marcello and Verroust. Two priva half-hour lessons weekly. One, two, or three hours' credit p semester.

361-2. Junior Oboe. Continuation of above; solos, sonatas and co certos by Sænt-Sæns, Telemann and Haydn. Two private hal hour lessons weekly. One, two, or three hours' credit per semest

461-2. Senior Oboe. Same as above; Orchestral studies; ensemb literature. Two private half-hour lessons weekly for two semeste Two, three, or four hours' credit per semester.

561-2. Senior Oboe. A course of advanced oboe instruction for st dents with exceptional musical background. Prerequisites: Mu 161 through 462. Two private half-hour lessons weekly for tv semesters. Two, three, or four hours' credit per semester.

163-4. Freshman Clarinet. Tone studies; scale studies in various forms; arpeggios; Klose Method. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

263-4. Sophomore Clarinet. Rose studies; Baerman studies; Concerti by Mozart and Weber. Two private half-hour lessons weekly. One, two,or three hours' credit per semester.

363-4. Junior Clarinet. Cavallini Caprices; Baerman studies; Transposition; Sonatas by Brahms, Milhaud, Tuthill and others. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

463-4. Senior Clarinet. Jean-Jean and Labanchi studies; orchestral studies; Debussy Rhapsody. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

563-4. Senior Clarinet. A course of advanced clarinet instruction for students with exceptional musical background. Prerequisites: Music 163 through 464. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

165-6. Freshman Bassoon. Tone development; Scales and arpeggios; Weisenborn Etudes. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

265-6. Sophomore Bassoon. Milde, concert studies and arpeggio studies; standard concert literature. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

365-6. Junior Bassoon. Clef drills; solo and sonata literature; Gumpert, Orchestral Studies. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

465-6. Senior Bassoon. Continuation of orchestral studies; advanced solo and sonata literature. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

565-6. Senior Bassoon. A course of advanced bassoon instruction for students with exceptional musical background. Prerequisites: Music 165 through 466. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

167-8. Freshman Trumpet and Cornet. Tone production; scales and arpeggios; Arban Method; solo literature of Ropartz, Simon, Clarke, Bellstedt. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

267-8. Sophomore Trumpet and Cornet. Same as above; studies by Arban; St. Jacome, Pietzch, Harris; solos by Bach, Clarke,

Sænt-Sæns. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

367-8. Junior Trumpet and Cornet. Arban continued; transposition; Maxime-Alphonse Studies; solos by Bach, Dubois, Enesco; orchestral studies. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

467-8. Senior Trumpet and Cornet. Studies by Buonomi, Chavanvate half-hour lessons weekly for two semesters. Two, three, or nes; orchestral studies; solos by Desportes, Bozza, Ibert. Two prifour hours' credit per semester.

567-8. Senior Trumpet and Cornet. A course of advanced trumpet and cornet for students with exceptional musical background. Prerequisites: Music 167 through 468. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

169-70. Freshman Horn. Major and minor scales; Tone production; exercises by Kopprasch. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

269-70. Sophomore Horn. Studies by Franz, Kling and Kopprasch; transposition; Sonati by Beethoven, Haydn; concerti by Mozart and others. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

369-70. Junior Horn. Continuation of above; prominent solos from symphony and opera; Strauss concerti; Sonati by Donato, Porter and others. Two private half-hour lessons weekly. One, two or three hours' credit per semester.

469-70. Senior Horn. Hindemith sonata and concerto; transposition in all keys; chamber music; orchestral studies. Two private half-hour lessons weekly. Two, three, or four hours' credit per semester.

569-70 Senior Horn. A course of advanced horn for students with exceptional musical background. Prerequisites: Music 169 through 470. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

171-2. Freshman Trombone and Euphonium (Baritone). Mantia and Bordoghi-Rochut studies; scales and arpeggios; solos by Pryor, Zimmerman and Simons. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

271-2. Sophomore Trombone and Euphonium (Baritone). More of the above; Blume Duets; solos by Barat, Croce-Spinelli, David. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

371-2. Junior Trombone and Euphonium (Baritone). Kopprasch studies; orchestral studies, solos by Busser, Pfieffer, Bigot, Rosseau, Dubois. Two private half-hour lessons weekly. One, two, or three hours' credit per semester.

471-2. Senior Trombone and Euphonium (Baritone). Same as above; Lafosse and Blazewitch studies; difficult passages, symphonic and operatic; transcriptions of Haydn, Mozart and Beethoven; solos by Salzedo, Videl, Leclercq. Two private half-hour lessons weekly. Two, three, or four hours' credit per semester.

571-2. Senior Trombone and Euphonium (Baritone). A course of advanced trombone and euphonium for students with exceptional musical background. Prerequisites: Music 171 through 472. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

177-8. Freshman Tuba. Intensive study of fundamentals of technique. Arban studies. Selected studies of Schlossberg and Blasevich. All major and minor scales and arpeggi. One, two or three hours' credit.

277-8. Sophomore Tuba. Continuation of first year. Studies by Bordogni-Rochut. Elementary clef studies. One, two or three hours' credit.

377-8. Junior Tuba. More advanced studies by Arban, Schlossberg, Blasevich, Bordogni. More difficult clef studies of LaFosse. One, two, or three hours' credit.

477-8. Senior Tuba. Continuation of Junior year. Horn concertos of Mozart, Strauss, and Beethoven. Orchestral studies from the works of Tchaikovski, Strauss, Wagner, Stravinski, etc. Survey of pedagogical works and literature for tuba. Two, three or four hours' credit.

577-8. Senior Tuba. A course of advanced tuba for students with exceptional musical background. Prerequisites: Music 177 through 478. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

175-6, 275-6, 375-6, 475-6. Percussion. Basic and advanced techniques on various percussion instruments through each of the four years. Tuning exercises for timpani. All types of drumming; study on castanets, tambourine, triangle, various traps, xylophone. Such methods as Imperial, Wilcoxson, Goodman, Goldberg. Solo work taken from Mendelssohn, Saint Saens, MacDowell, Strauss, Despartes, and others. One to four hours' credit per semester in accordance with credit in other applied music.

575-6. Senior Percussion. A course of advanced percussion for students with exceptional musical background. Prerequisites: 175 through 476. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

141-2, 241-2, 341-2, 441-2, 541-2. Class Voice. Theory and practice of vocal tone production in small groups. Individual attention and solo training. Two half-hour lessons weekly for two semesters. One hour's credit per semester.

143-4. Freshman Voice. Principles of breathing. Enunciation. Solfege exercises and vocalises consistent with the needs of individual student. Repertoire of old English and old Italian. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

243-4. Sophomore Voice. Vocalises continued. Studies in diatonic and chromatic scales, the trill and other embellishments. Italian songs and selected songs by Handel, Mozart, Schubert, Schumann and others of the classic and romantic periods. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

343-4. Junior Voice. Studies for flexibility, style and expression. Recitative, lyric and dramatic arias from the operas and oratorios of Handel, Haydn, Mozart; Lieder; songs by 19th century composers; and songs by modern composers. Recital. Two private half-hour lessons weekly for two semesters. One, two, or three hours' credit per semester.

443-4. Senior Voice. Classic romantic and modern song literature. Oratorio, opera. Recital. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

543-4. Senior Voice. A course of advanced voice instruction for students with exceptional musical background. Prerequisites: Music 143 through 444. Two private half-hour lessons weekly for two semesters. Two, three, or four hours' credit per semester.

Ensembles

181-2, 281-2, 381-2, 481-2. Piano Ensembles. Small piano groups organized for instruction in playing music for more than one piano as well as for playing piano duets and trios. Meets twice weekly for two semesters. One hour's credit per semester.

145-6, 245-6, 345-6, 445-6. Union University Chorus. Any student may be admitted to the chorus after consultation with the director. At least two formal public performances are presented during the

school year. Opportunity is provided for the study of both sacred and secular choral music. Meets twice weekly for two semesters. One hour's credit per semester.

145-6, 245-6, 345-6, 445-6. Union University Singers. Admission by audition only. Prerequisite: one year of apprenticeship in the college chorus or consent of instructor. This chorus prepares for the annual spring tour and covers more music literature during the year than does the University chorus. Meets twice weekly for two semesters. One hour's credit per semester.

147-8, 247-8, 347-8, 447-8. Vocal Ensembles. Various small choral ensembles such as women's trios and double trios, male quartets, etc., are organized both for the sake of pure enjoyment of participation and for public performances upon many and varied occasions. Meets once each week for two semesters. One hour's credit per semester.

151-2, 251-2, 351-2, 451-2. Symphonic Band. A course in band instruction designed to train students for performance. Various phases of organization, techniques, literature, interpretation, etc., involved in professional demands are treated extensively. Performances will include various campus concerts, some athletic events, and a tour of the area. Membership is determined from auditions held during the week of registration. One hour's credit.

173-4, 273-4, 373-4, 473-4. Junior Band. A course in elementary band instruction open to freshmen, sophomores, and music education majors. Instruments of the student's choice may be rented at the local music stores. At the end of one year of instruction those students showing promise and talent may be selected to participate in the Symphonic Band. Two rehearsals per week. One hour's credit per semester.

153-4, 253-4, 353-4, 453-4. Brass Ensemble. Performance of literature for various combinations of brass instruments i. e. Trios, quartets, quintets, sextets, etc. Meets once each week. One hour's credit per semester.

155-6, 255-6, 355-6, 455-6. Woodwind Ensemble. Performance of literature for various combinations of woodwind instruments. Meets once each week. One hour's credit per semester.

191-2, 291-2, 391-2, 491-2, 591-2. String Ensemble. Performance of literature for various combinations of string instruments, i.e., trios, quartets, quintets, sextets, etc. Meets once each week. One hour's credit per semester.

ART

THE ART DEPARTMENT provides an opportunity for students to develo their powers of perception, appreciation, knowledge, and discriminatio of art, both past and present; to develop art skills and to provide oppor tunity for creative expression and effective use of leisure time; to provid opportunity to develop skills, methods, and techniques of teaching art i the school, church, or recreational program.

A minor in art consists of 18 hours, 6 of which must be junior an senior level courses.

Art History and Appreciation

111. ART APPRECIATION-ORIENTATION. An interpretation of the visua and space arts for the development of effective criteria for judg ment and the enjoyment of art expression. Two hours' credit.

313-4. ART APPRECIATION-SURVEY. Constitutes a survey of painting sculpture, architecture; and the minor arts as represented by sig nificant examples of art from prehistoric to modern times. Tw hours' credit per semester.

Drawing, Painting, and Design

114. LETTERING. Development of sufficient skill to letter quickly an effectively show cards, announcements, and posters. Two one-hou laboratory periods per week. One hour's credit.

115. BEGINNING ART (LABORATORY). A basic course in art designed t meet the student's individual needs and interests and to provid opportunity to experiment with different media. Two laborator periods per week. Two hours' credit. Prerequisite: 111.

116. FIRST YEAR DRAWING. Drawing with various media to gain facilit in objective representation. Two laboratory periods per week. Tw hours' credit.

311-2. DRAWING, PAINTING AND COMPOSITION. A course in studi painting practice. 311, still-life drawing and painting in charco and oil; 312, outdoor sketching and painting in watercolor an oil. Three laboratory periods per week. Prerequisite: 111 and 11 or with consent of instructor. Three hours' credit per semester.

316. ADVANCED DESIGN. An advanced course in the fundamentals good design with emphasis on design problems in Commercial Ar Three hours' credit. Prerequisite: Art 115.

411-2. Advanced Painting. Designed to meet individual needs and interests in painting. Experimental techniques and media. Prerequisite: Art 311-2 or consent of the instructor. Three laboratory periods per week. Three hours' credit per semester.

Crafts, Sculpture and Ceramics

213. Crafts. Fundamental craft techniques in various mediums, emphasizing good design and proper use of material. Two laboratory periods per week. Two hours' credit.

214. Ceramics. Creative expression in the ceramic arts and the development of form in the plastic medium of clay. Three laboratory periods a week. Three hours' credit.

315. Sculpture. Carving and construction in various materials. Two laboratory periods a week. Two hours' credit.

Art Education (See also additional courses listed Education)

215. Art in the Elementary Schools. A laboratory course designed for elementary teachers in the development of art skills for the elementary school. Two two-hour laboratory periods per week. Two hours' credit.

SPEECH AND DRAMATIC ART

INSTRUCTION in Speech and Dramatic Art purposes to develop studen potential in the oral communication of thought; to provide an opportunit for the appreciative evaluation and oral interpretation of literature; t instruct in the techniques and methods of teaching voice and diction public speaking, discussion and play production; to help the studen attain a degree of excellence in performance for platform, radio, televisio and other professional careers.

I. Minor in Speech and Dramatic Art—18 hours

A. Six hours on junior or senior level

113. APPRECIATION OF THEATER ARTS. An introductory study of th techniques of dramatic art, designed to make playgoing mor meaningful and better appreciated. Two hours' credit.

213. PUBLIC SPEAKING. Study and practice in effective oral communi cation. Required of all students for graduation. Three hours credit.

214. ORAL INTERPRETATION. Oral practice in analysis of various type of literature so that they may be presented informatively an interestingly. Three hours' credit.

215. PLAY PRODUCTION. A survey course in the fundamentals of suc cessful stage production: problems in organization; in play choic and casting; in rehearsing, acting, and directing; in scenery costuming, make-up, and lighting. Three hours' credit.

313. PLAY PRODUCTION. A more advanced course for those who hav had Speech 215, with emphasis on the techniques of acting an stage craft. Three hours' credit.

314. VOICE AND DICTION. Study and development of the voice. Edu cative exercises in articulation and pronunciation. Drill in pho netics. Particularly helpful for students planning professiona careers. Three hours' credit.

413. PUBLIC DISCUSSION AND ARGUMENTATION. Gathering, organizing and presenting argumentative material effectively. Each studer required to participate publicly on the platform or by radi Designed particularly for students preparing for professiona careers. Prerequisite: Speech 213. Three hours' credit.

DIVISION OF HUMANITIES

PURPOSE OF HUMANITIES

In the humanities, students learn to prefer one thing to another, and ɔ acquire a set of ideas and principles which they believe and on which ıey can act. To this end, courses in the division are organized to broaden ıe individualistic, imaginative, sympathetic, aesthetic, and moralistic ualities in man. More specifically, courses in the division are geared to evelop competence in language, appreciation in literature, and belief ı, and dedication to, the Christian ethic.

English
Languages

Philosophy
Religion

DEPARTMENT OF ENGLISH

Instruction in the English department consists of helping students develop skills in writing and speaking effectively, and in reading and evaluating literature appreciatively. A wide range of courses appealing to the esthetic as well as to the practical nature of man is offered regularly, serving the dual purpose of qualifying prospective teachers of English and stimulating the laity to search more diligently for the riches in the spoken and written word.

Students are required to complete the core curriculum requirements in literature before enrolling in an upper level course in literature.

Students majoring or minoring in English must meet the following requirements:

I. Major in English—30 hours
   A. English 111-2—freshman composition
   B. English 211-2—sophomore literature surveys
   C. Shakespeare 411-2
   D. English 321—Advanced Grammar
   E. Additional courses on the junior or senior levels.

II. Minor in English—24 hours
   A. English 111-2—freshman composition
   B. English 211-2—sophomore surveys
   C. Additional junior or senior level courses.

ENGLISH

*111-2. English Composition. Review of fundamentals of grammar; practice in basic forms of composition; selected readings from various types of literature. Prerequisite to all other courses in English. Three hours' credit per semester.

211. Survey of American Literature. Introduction to principal authors and most significant prose and poetry produced in America from seventeenth century to the present. Three hours' credit.

212. Masterpieces of English Literature. Selected readings from English prose and poetry. Three hours' credit.

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*Sections of English 111 are offered on the basis of five periods a week to include an intensive study in grammar, punctuation, and spelling. Freshmen whose score on the English proficiency test fall below the standard set by the English Department will be required to take one of these sections.

213-4. News Writing and Reporting. Practice in news gathering and news writing for the college publications. Does not count on English major, but is of inestimable value to the prospective high school English teacher. Two hours' credit per semester.

216. Children's Literature. A survey course designed to familiarize the student with children's books from early times to the present. Emphasis is placed upon the Newbery and Caldecott award books. Does not count towards the English Major. Two hours' credit.

313. American Literature of Nineteenth Century. Extensive reading from the works of Poe, Hawthorne, Melville, Emerson and Whitman. Three hours' credit.

314. Major Romantic Poets. Intensive reading in the poetry of the major Romantic poets: Wordsworth, Coleridge, Byron, Shelley, and Keats. Three hours' credit.

315. English Literature of Eighteenth Century. Selected readings from the principal authors; a critical examination of the intellectual history of the age. Three hours' credit.

316. The Novel in English. Study of the novel as a literary form. Three hours' credit.

317. European Literature in Translation. Selected readings (in translations) from literary masterpieces of great European writers from Homer to the present. Three hours' credit.

318. Advanced Composition. Techniques of writing effective expository, argumentative, descriptive, and narrative prose. Two hours' credit.

319. Victorian Poetry. Intensive reading in the poetry of the major Victorian poets. Three hours' credit.

320. Short Story. Reading, analysis, and intensive study of the short story as a literary form. Each student required to do original composition. Two hours' credit.

321. Advanced Grammar. A course in English grammatical forms, including history and philosophy of their uses. Two hours' credit.

411-2. Shakespeare. Readings from the comedies, histories, and tragedies. Required of all majors in English. Two hours' credit per semester.

413. Contemporary Drama. Readings from Continental, British, and American drama from Ibsen to the present. Three hours' credit.

414. Studies in 17th Century English Literature. Major emphasis will be placed on the poetry of Donne, Milton, and the Cavalier poets. Readings from the prose and drama of the period will be required of those who take the course for maximum credit. Two to three hours' credit.

415. Feature Writing. Practical experience in mastering the craft of writing the special feature. Each student will be encouraged to prepare an article for publication. Two hours' credit.

416. Contemporary Poetry. A study of twentieth century British and American poetry. Three hours' credit.

417. Criticism. A study of major critical texts from Aristotle to T. S Eliot. Open to senior English majors only; taught as a seminar meeting once each week for two hours. Three hours' credit.

DEPARTMENT OF LANGUAGES

The purpose of the Department of Languages in the liberal arts program is to instruct the student through oral-aural-visual techniques and methods to read, understand, speak and write with proficiency at least one foreign language; first, to aid in developing understanding through inter-communication; second, to serve as a basis for studying the history, literature and life of another country; third, to help the student attain a certain fluency in foreign language in preparation for doing research in graduate and professional schools.

Language requirements for graduation with the A.B. Degree: fourteen semester hours or two years of high school language and six semester hours of second year college credit in the same language. Students entering with two units of high school language will take a comprehensive examination to demonstrate their ability to do second year work.

Majors and minors are offered in French and Spanish.

I. Students majoring in language must meet the following requirements:
   1. Major in chosen language—24 to 26 hours*
   2. Ten semester hours must be on junior or senior level.

II. Students minoring in language must meet the following requirements:
   1. Minor in chosen language—18-20 hours*
   2. Six semester hours must be on junior or senior level.

If a student takes a major in one language, it is suggested that he take a minor in a second language.

FRENCH

111-2. Elementary French. Fundamentals of pronunciation, conversation, grammar and composition. Four hours' credit per semester.

211. Intermediate French. Grammar review. Reading of suitable texts, conversation and composition. Prerequisite: French 111-2 or two years of high school French and proficiency test. Three hours' credit.

212. Advanced French. Rapid reading of representative French texts. Prerequisite: French 211. Three hours' credit.

*Twenty-four hours for major and eighteen for minor if the student begins at the 11 level or above.

311. Survey of French Literature. Chanson de Roland through the 17th century. Lectures, readings and reports. Prerequisite: French 212. Three hours' credit.

312. Survey of French Literature. A continuation of French 311. The beginning of the 18th century to the present. Lectures, readings and reports. Prerequisite: French 212. Three hours' credit.

313. Conversation and Composition. Practice in oral and written expression. Prerequisite: French 212. Three hours' credit.

314. French Civilization. A survey of the geographical, historical, ethnical, artistic, and industrial development of France. Reports. Prerequisite: French 212. Three hours' credit.

316. French Phonetics. Analysis of the sounds of French and their articulation. Recordings, film strips, corrective drills. Prerequisite: French 212. Three hours' credit.

413. French Classical Drama. A study of the life and dramatic art of Corneille, Racine, and Moliere. Lectures and reports. Three hours' credit.

414. French Romantic Literature. A study of the romantic movement in French literature, with special emphasis on poetry and the drama. Three hours' credit.

415. Modern French Novel. A study of the life and works of representative French novelists of the modern period. Three hours' credit.

GERMAN

111. Elementary German. A study of pronunciation and grammatical forms. Simple reading. Four hours' credit.

112. Elementary German. A continuation of German 111. Grammar and reading of easy prose. Four hours' credit.

211. Intermediate German. A review of grammar. Composition and reading of suitable texts. Prerequisite: German 111-2 or two years of high school German and proficiency test. Three hours' credit.

212. Advanced German. Rapid reading of representative texts. Lectures and reports. Prerequisite: German 211. Three hours' credit.

313. Introduction to German Classics. A general survey of German literature. Prerequisite: German 212. Three hours' credit.

314. German Classical Drama. A study of the life and works of Goethe and Schiller. Prerequisite: German 212. Three hours' credit.

GREEK

211. ELEMENTARY GREEK. A study of the basic forms, syntax, vocabulary and pronunciation of the Greek New Testament. Prerequisite: Sophomore standing. Four hours' credit.

212. ELEMENTARY GREEK. Continuation of Greek 211. Reading in Mark and I John. Prerequisite: Greek 211. Four hours' credit.

311. INTERMEDIATE GREEK. A study of the grammar and syntax of the Greek New Testament. Reading in the New Testament. Prerequisite: Greek 212. Three hours' credit.

312. INTERMEDIATE GREEK. Continuation of Greek 311. Prerequisite: Greek 311. Three hours' credit.

411. ADVANCED GREEK. An extensive reading course in the Greek New Testament with emphasis upon careful, accurate exegesis. Prerequisite: Greek 312. Two hours' credit.

412. ADVANCED GREEK. A continuation of Greek 411. Prerequisite: Greek 411. Two hours' credit.

LATIN

111. ELEMENTARY LATIN. A study of grammatical forms and syntax. Four hours' credit.

112. ELEMENTARY LATIN. A continuation of Latin 111. Grammar, syntax and readings from Cæsar. Four hours' credit.

211. CICERO. Selected orations, essays, and letters. Review of grammar and syntax. Prerequisite: Latin 111-2 or two years of high school Latin and proficiency test. Three hours' credit.

212. VIRGIL. Selections from the Aeneid. Study of mythological background. Prerequisite: Latin 111-2 or two years of high school Latin. Three hours' credit.

313. LATIN READINGS. Masterpieces of Latin poetry. Selections from Horace's Odes and Ovid's Metamorphoses. Prerequisites: Latin 211 or 212. Three hours' credit.

314. LATIN READINGS. Masterpieces of Latin prose. Livy's Second Punic War and other selections. Prerequisite: Latin 211 or 212. Three hours' credit.

413. LATIN READINGS. Selections from Pliny and Tacitus in Latin history, letters and drama. Topics for investigation. Prerequisite: Latin 211 or 212. Three hours' credit.

414. LATIN READINGS. A continuation of Latin 413 with selections from Terence. Prerequisite: Latin 413. Three hours' credit.

SPANISH

111-2. Elementary Spanish. Fundamentals of pronunciation, co
versation, grammar, and composition. Simple reading. Four hou
credit per semester.

211. Intermediate Spanish. Grammar review. Reading of suitab
texts, conversation and composition. Prerequisite: Spanish 111
or two years of high school Spanish and proficiency test. Thr
hours' credit.

212. Advanced Spanish. Rapid reading of representative Spani
texts. Prerequisite: Spanish 211. Three hours' credit.

311. Survey of Spanish Literature. Poema de Mio Cid throu
the 17th century. Lectures, readings and reports. Prerequisit
Spanish 212. Three hours' credit.

312. Survey of Spanish Literature. A continuation of Spani
311. From the beginning of the 18th century to the preser
Lectures, readings, and reports. Prerequisite: Spanish 212. Thr
hours' credit.

313. Conversation and Composition. Practice in oral and writt
expression. Prerequisite: Spanish 212. Three hours' credit.

314. History of the Spanish Language. One hour's credit.

413. The Modern Spanish Novel. A study of the life and wo
of representative Spanish novelists of the modern period. Thr
hours' credit.

414. The Modern Spanish Drama. A study of the life and wo
of representative Spanish dramatists of the modern period. Thr
hours' credit.

415. The Spanish-American Novel. The development of the no
in Spanish-America. Life and works of representative autho
Three hours' credit.

416. The Drama of the Golden Age. A study of the life and wo
of Lope de Vega, Alarcon, Tirso de Molina and Calderon. Thr
hours' credit.

417. Don Quijote De La Mancha. A study of the life of Cervan
and works of Cervantes. Reading of Don Quijote de la Manch
Three hours' credit.

GENERAL LANGUAGE

213. A course in the pronunciation of Italian, French, and Germa
This course is restricted to voice students and required of vo
majors. One hour credit.

DEPARTMENT OF RELIGION AND PHILOSOPHY

The courses of the Department of Religion and Philosophy are designed for a twofold purpose: To give the student an understanding of the basic principles of the Bible as they appear in their historical setting; and to acquaint the student with the merits, values, and distinctive contributions of the Christian religion to the religious experience of mankind.

The work of the department is planned to contribute to the cultural and spiritual benefit of the entire student body. Specialized training is also provided for the following:

1. The ministerial or missionary student who will seek further preparation in a theological seminary. Likewise, equal provision is made for the student whose formal preparation will terminate with graduation.
2. The religious education director, minister of music, or church secretary who desires specialized religious training on the college level.

Students majoring in Religion must meet the following requirements:

I. Major in Religion—27 hours
   - A. 24 hours of Religion
     1. Religion 111, 112, 214
     2. Religion 216, 217
     3. Three hours to be selected from Religion 314, 413
     4. Three hours to be selected from Religion 315, 317
     5. Elective Religion 4 hours—not more than three of which may be taken from Religion 320, 321, 416
   - B. Philosophy 311

II. Minor in Religion—21 hours
   - A. 18 hours in Religion
     1. Religion 111, 112
     2. Religion 216, 217
     3. Three hours to be selected from Religion 314, 413
     4. Three hours to be selected from Religion 315, 317
   - B. Philosophy 311

RELIGION

111. Old Testament Survey. A survey of the history of the Hebrews from Adam through the reign of David. Three hours' credit.

112. Old Testament Survey. A survey of the history of the Hebrews from Solomon through Malachi. Prerequisite: Religion 111. Three hours' credit.

213. Poetical Books. An intensive study of the poetic and wisdom literature of the Old Testament. Prerequisites: Religion 111-2. Two hours' credit.

214. The Intertestament Period. A survey of the Greek, Roman and Jewish cultures of the intertestament period. Two hours' credit.

215. Evangelism. A study of the history, principles and methods of evangelism. Prerequisites: Religion 111, 216. Two hours' credit.

216. The Life of Christ. The life of Christ as recorded in the Synoptic Gospels. Three hours' credit.

217. Acts. The Christian movement as recorded in Acts together with a study of selected Pauline Epistles. (Galatians, I and II, Thessalonians, and Philippians). Prerequisite: Religion 216. Three hours' credit.

218. Homiletics and Ministerial Practices. A study of the basic techniques of sermon preparation and delivery with a section on Ecclesiology and Ethics. Required of all ministerial students during the first year of attendance at Union. Three hours' credit.

313. Ethics. An analysis of the principles of Christian ethics. Prerequisites: Philosophy 311 and any upper level Old Testament or New Testament course. Two hours' credit.

314. Minor Prophets. An intensive study of the minor prophets. Prerequisite: Religion 112. Three hours' credit.

315. Pauline Epistles. A survey of the Pauline Epistles. Prerequisite: Religion 217. Three hours' credit.

316. Renaissance and Reformation. See History 318 for description.

317. Hebrews, General Epistles, Revelation. A survey of Hebrews, General Epistles and Revelation. Prerequisite: Religion 217. Three hours' credit.

318. Christian Doctrine. An analysis and interpretation of Christian doctrine. Prerequisite: Any one of the following courses: 314, 315, 317, 413. Two hours' credit.

319. Comparative Religion. A survey of the world's major religions. Prerequisite: Religion 217. Two hours' credit.

320. Introduction to Religious Education. A study of the origin, scope and importance of religious education. (Introductory attention will be given to the nature of the New Testament church.) Prerequisite: six hours of Religion. Three hours' credit.

321. Religious Education in the Church. An intensive study of the origin, purposes, officers and curriculum of the organizations of the local church. Prerequisite: six hours of Religion. Three hours' credit.

323. (311) Church History. A historical survey of Christianity from the apostolic era until the Protestant Reformation. Prerequisite: Religion 217. Two hours' credit.

324. (312) Church History. A historical survey of Christianity from the Protestant Reformation through the First Great Awakening in America. Prerequisite: Religion 323. Two hours' credit.

413. Major Prophets. An intensive study of the major prophets. Prerequisite: Religion 112. Three hours' credit.

414. The Johannine Literature. An intensive study of the Gospel of John and the Johnannine Epistles. Prerequisite: Religion 315 or 317. Three hours' credit.

416. Psychology of Religion. A careful study of the factors in the religious experience. Prerequisite: Six hours of Religion. Three hours' credit.

PHILOSOPHY

311. Introduction to Philosophy. A survey of the branches of philosophy and its history from Thales through Augustine. Prerequisite: Junior standing. Three hours' credit.

312. History of Philosophy. A survey of the history of philosophy from Augustine until the modern period. Prerequisite: Philosophy 311. Three hours' credit.

413. Logic. A study of inductive and deductive methods of reasoning. Prerequisite: Philosophy 311. Two hours' credit.

DIVISION OF NATURAL SCIENCE

The broad objective of the Division of Natural Science is to lead t student into a search for universal truths related to the world in whi we live, and to assist him in arriving at a correct view of other scienti knowledge.

This Division is composed of the Departments of Biology, Chemist Mathematics and Physics, for the purpose of coordination of effort to t end that the above objective may be obtained.

Specifically, courses are designed to meet the needs of students und the following classifications:

(a) those wishing a broad foundation in the basic sciences and general knowledge of the applied sciences;

(b) those in Pre-professional study in Dentistry, Engineering, Mec cine and Pharmacy;

(c) those preparing for the teaching profession in secondary schoo

(d) those interested in further scientific pursuits in gradua schools; and

(e) those planning to enter the industrial field upon completion undergraduate study.

BIOLOGY
CHEMISTRY
MATHEMATICS
PHYSICS

DEPARTMENT OF BIOLOGY

Courses of the Department of Biology are designed to increase the student's appreciation of his environment, to contribute to his cultural background, to meet the needs of students preparing to enter graduate school or to meet entrance requirements for dental, medical, and pharmacy schools. Not all courses are offered in any one year. Certain advanced courses alternate to meet demands.

Students majoring or minoring in biology must meet the following requirements:

I. Major in biology—28 hours

A. Twelve hours must be junior or senior level

B. The student may choose between botany and zoology for the greater portion of his work

C. Biology 111-2, or equivalent, are prerequisites to all other biology courses

II. Minor in biology—19 hours

A. Eight hours must be junior or senior level courses. The student will consult the head of the department regarding advanced courses

Majors who plan to do graduate work in the biological sciences should take the following additional courses:

1. One year of physics
2. One year of general chemistry
3. One year of organic chemistry

Majors who plan to do graduate work in the field of botany should take the following courses:

1. Advanced Botany 2. Invertebrate Zoology 3. Plant Physiology
4. General Bacteriology 5. Genetics 6. Plant Taxonomy
7. Ecology

Majors who plan to do graduate study in Zoology should include in their major courses the following:

1. Invertebrate Zoology 2. Vertebrate Zoology 3. Entomology
4. Embryology 5. Genetics 6. Comparative Anatomy

Majors who plan to teach biology in high school should include in the major courses the following:

1. General Bacteriology 2. Invertebrate Zoology 3. Advance Botany
4. Entomology 5. Genetics 6. Plant Taxonom
7. Human Anatomy and Physiology

111. General Biology. A study of the structure and functions o living organisms, the laws governing protoplasm, including consideration of the vegetative and reproductive structures o plants, with emphasis on the physiological and ecological aspec of the subject. During the course identification and recognitio of common trees, and the economic importance of plants a covered. Two lectures and two laboratory periods. Four hour credit.

112. General Biology. A beginning course in animal biology wit a survey of the animal kingdom. Emphasis is laid on the systen of organs and tissues, and on the physiological and economi phases of the subject. Two lectures and two laboratory period Four hours' credit.

211. Invertebrate Zoology. A study of representative invertebrat with emphasis on anatomy and classification. Specimens will b collected and studied in the field. Two lectures and two labo atory periods per week. Prerequisite: A year of biology or equiva lent. Four hours' credit.

212. Vertebrate Zoology. Study of representative vertebrates of th five classes. Specimens of the lower forms will be collected an studied in the field. Two lectures and two laboratory periods pe week. Prerequisite: A year of biology or equivalent. Four hour credit.

213. General Bacteriology. An introduction to the principles un derlying the subject. Laboratory technique is emphasized an careful study is given to representatives of larger groups of bac teria. Two lectures and two laboratory periods per week. Pre requisite: A year of biology or equivalent. Four hours' credit.

214. Advanced Botany. A comparative study of representatives o the thallophyta, bryophyta, and tracheophyta. Two lectures an two laboratory periods per week. Prerequisite: A year of biolog or equivalent. Four hours' credit.

215. Entomology. A study of the use of keys, classification, life histories, habits, and economic importance of insects. Two lectures, and two laboratory periods or field trips per week. Prerequisite: A year of biology or equivalent. Four hours' credit.

311. Human Anatomy and Physiology. A study of the anatomy and physiology of the systems of the human body, including the skeletal, muscular, nervous and circulatory systems. Two lectures and one laboratory period per week. Prerequisite: A year of biology or equivalent. Three hours' credit.

312. Human Anatomy and Physiology. A continuation of Biology 311. A study of excretory, respiratory and digestive systems, special senses, reproductive and endocrine systems. Two lectures and one laboratory period per week. Prerequisite: A year of biology or equivalent. Three hours' credit.

313. Advanced Bacteriology. Advanced principles and laboratory techniques are studied. Practical applications of the subject to the study of foods, water, sewage, soil, and manufacturing processes involving bacteriology are to be emphasized. Two lectures and two laboratory periods per week. Prerequisite: General Bacteriology. Four hours' credit.

314. Vertebrate Embryology. A study of the general principles of the embryology of vertebrates, including germ cells, maturation. fertilization, cleavage, germ layers, and formation of organs. Embryos of typical vertebrates are used. Two lectures and two laboratory periods per week. Prerequisite: Twelve hours of biology or equivalent. Four hours' credit.

315. Genetics. A study of the more important laws of heredity and their application to animals and plants. Two lectures and two laboratory periods per week. Prerequisite: Twelve hours of biology on the freshman-sophomore level. Three hours' credit.

316. Plant Physiology and Biology. An introductory course dealing with functions and growth of plants. Two lectures and one laboratory period per week. Prerequisite: Twelve hours of biology or equivalent. Three hours' credit.

317. Plant Taxonomy. A laboratory and field course consisting of collecting, preserving and identifying native flora. Use of botanical keys is stressed, and principles of classification are strongly emphasized. One lecture and one to three laboratory periods and and field trips per week. Prerequisite: Twelve hours of biology or equivalent. Two to three hours' credit.

413. Comparative Anatomy. Comparative study of the organ systems and structures of representative chordates. Prerequisite: Sixteen hours of biology or equivalent. Four hours' credit.

414. Ecology. A study of the interactions between organisms and their environment. Consideration is given both to the environment of the individual and to the development of plant-animal communities. Two lectures and two laboratory periods per week. Prerequisite: Two years of biology or equivalent. Three hours' credit.

415. Special Problems. Designed to meet the needs of majors in the department. Collection, preparation, and completed study of specimens of plants, animals, etc. Prerequisite: Eighteen hours of biology. Two hours' credit.

416. Laboratory Techniques. A laboratory course designed to acquaint the student with and to give him practice in the most common procedures. Two to four laboratory periods per week. Prerequisite: Eighteen hours of biology and a major in the department. Two hours' credit.

417. Animal Histology. A microscopic study of tissues and organs of the animal body. The preparation of temporary and permanent slides is emphasized. One lecture and one to three laboratory periods per week. Prerequisite: Fourteen hours of zoological courses. Two to four hours' credit.

418. Parasitology. Course designed to survey animal parasites coming under the heading of helminths and arthropods, and to emphasize medical aspects. Two lectures and one laboratory period per week. Prerequisite: Fourteen hours of biology including Invertebrate Zoology. Three hours' credit.

DEPARTMENT OF CHEMISTRY

THE AGE in which we live is truly the age of science. No one can escape or long the impact of scientific discovery upon the world today. This is articularly true of the science of chemistry which deals with the structure matter and its many transformations. Broadly speaking, this depart-ent aims to help the student to understand the material world around im and how it affects the ever changing processes of life, attain skill in ientific methods of problem solving, achieve laboratory skills for work chemistry, and develop an inquiring mind and a proper attitude toward ientific exploration. More specifically this department offers courses to eet the needs of three types of students:

1. Those who are non-science majors but desire the subject for its cultural and educational values and for meeting graduation requirements.
2. Those who plan to teach science.
3. Those who wish to prepare for medicine, agriculture, engineering, or any other type of scientific work.

Students who look forward to careers as research chemists, industrial emists, or college chemistry teachers are advised to include Mathematics 1-2-Calculus, Physics 211-2-General Physics, and Chemistry 411-2-ysical Chemistry in their courses of study.

udents majoring or minoring in chemistry must meet the following re-irements:

I. Major in chemistry
   1. 30 hours
   2. Chemistry 111-2, 211-2, 311-2, 411-2

II. Minor in chemistry
   1. Chemistry 111-2, 211-2 and 311-2; or
   2. Chemistry 111-2, 211-2, and 411-2; or
   3. Chemistry 111-2, 311-2 and 313

11-2. GENERAL INORGANIC CHEMISTRY. A study of the fundamental principles, theories, laws, and basic facts of chemistry. The preparation and properties of the more common elements and their compounds in relation to the periodic table and atomic structure. Emphasis is laid on the metals and their ions in relation to the scheme of qualitative analysis. Problem solving, principles of equil-

ibrium and equations are stressed. The last twelve weeks o laboratory is devoted to qualitative analysis. Three lectures an three hours laboratory per week. Four hours' credit per semeste

211-2. Quantitative Inorganic Analysis. Fundamental laborator procedures, calibration of apparatus, selected experiments in gra imetric and volumetric analysis; basic theory in stoichiometr Emphasis is placed on special gravimetric and volumetric method theory, and potentiometric calculations. One lecture and tw three-hour laboratory periods per week. Prerequisite: Chemistr 111-2. Three hours' credit per semester.

213. Qualitative Inorganic Analysis. An intensive study of qual tative inorganic analysis from the standpoint of theory and prac tice. The semi-micro technique will be used. Lecture and lab oratory four hours per week. Offered on sufficient demand Prerequisite: Chemistry 111-2. Two hours' credit.

311-2. Organic Chemistry. A study of the various compounds c carbon, their preparations, properties, and reactions; the theorie underlying the subject and the effect of molecular structure o chemical and physical properties. Three lectures and three hou laboratory per week. Prerequisite: Chemistry 111-2. Four hour credit per semester.

313. Biochemistry or Physiological Chemistry. This is an intro ductory course. Two lectures and one three-hour laboratory perio per week. Prerequisite: Chemistry 311-2. Three hours' credit.

314. Synthetic Inorganic Chemistry. Lectures and laborator four hours per week. Offered on sufficient demand. Prerequisite Chemistry 111-2. Two hours' credit.

411-2. Physical Chemistry. A study of topics dealing with the mor fundamental aspects of chemistry. The states of matter, the ele mentary principles of thermodynamics and thermochemistry wi be stressed. Calculus used, but not required. Three lectures an three hours laboratory per week. Prerequisite: Chemistry 211-2 Four hours' credit per semester.

414. Qualitative Organic Chemistry. The identification of pur organic compounds and mixtures. Lecture and laboratory fou hours per week. Offered on sufficient demand. Prerequisite Chemistry 311-2. Two hours' credit.

DEPARTMENT OF MATHEMATICS

The courses in mathematics are designed to provide basic content for students classified as mathematics majors or minors, engineering, pre-dental, pre-medical, majors or minors in business administration, teachers and those preparing to teach. In the lower level courses there are many topics of general, practical and cultural interest.

Students majoring or minoring in mathematics must meet the following requirements:

I. A major in mathematics consists of 26 hours, of which 8 hours must be above the 200 level, with the approval of the department head.

II. A minor in mathematics consists of 20 hours including Mathematics 211, 212.[1]

Courses 111, 112 and either 113, 213 or 115 are required of all students who elect mathematics to meet the science or mathematics requirement for graduation.

111. College Algebra. Linear systems, quadratic equations, ratio, proportion and variation, progressions, binomial theorem, theory of equations. Three hours' credit.

112. Plane Trigonometry. Functions of acute angles, logarithms, functions of any angle, radian measure, graphs, identities, oblique triangles. Three hours' credit.

114. Plane Analytic Geometry. Cartesian coordinates, polar coordinates, the circle, the ellipse, hyperbola and parabola, transformations, parametric equations, higher plane curves. Prerequisite: 111. Prerequisite or co-requisite: 112. Four hours' credit.

211. Calculus. Functions, limits, the derivative, applications of the derivative, maxima and minima, tangents and normals, the indefinite integral, and the definite integral. Prerequisite or co-requisite: 114 or consent of instructor. Four hours' credit.

212. Calculus. Indeterminate forms, integration by substitution, areas, volumes, centroids, power series, and double integrals. Prerequisite: 211. Four hours' credit.

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[1] Transfer students may substitute certain mathematics courses with approval of department head.

*One section of Mathematics 111 will be offered on the basis of five days a week for those students who do not have two units in high school algebra or who fail the algebra proficiency test. The credit will be three semester hours.

213. College Business Mathematics. This course is designed t meet the essential needs of students of accounting, secretaria studies and business education training. It deals with application of percentages, computing mark-up and interest charges, depre ciation, stock and bond purchases, etc. Two hours' credit.

214. Topics in Analysis. The subject matter of this course will b selected from the following: The elementary aspects of some fun damental algebraic systems leading up to a development of th real number system; plane analytic geometry; functions, limits an polynomial calculus. It is to be hoped that the course will enric the background of the secondary school teachers of mathematic Two hours' credit.

215. Logic, Set Theory, and Probability. This course will consist o a study of those topics from logic which are most frequently neede in mathematical reasoning; an introduction to set theory, includin a discussion of the connection between logic and sets; an elemen tary introduction to the theory of probability founded on the basi ideas in the study of logic and sets. Two hours' credit.

313. Theory of Equations. Complex numbers, study of cubic an quartic equations, determinants and symmetric functions. Pre requisite: 211. Three hours' credit.

314. Differential Equations. Equations of first order and firs degree, homogeneous equations, physical applications, linea equations, exact differential equations, etc. Prerequisite: 21 Three hours' credit.

413. College Geometry. Technique of construction with emphas on triangles and circles. Methods of approach to constructio problems, and analysis of possibilities of construction. Theorem in plane Euclidean geometry. Prerequisite or co-requisite 112 an Junior standing. Three hours' credit.

414. Advanced Calculus. Multiple integrals, applications, parti differentiation, implicit functions, series, line and surface integral vector notation, and Gamma and Beta functions. Prerequisite 212. Three hours' credit.

Note: Upper level courses will be offered in alternate years or whe needed.

Engineering

114. Elementary Surveying. The compass and transit, leveling, contours, land survey, earthwork, etc. One hour lecture and three hours field work. Prerequisite or co-requisite: 112. Two hours' credit.

115. Slide Rule Problem Solving. Use and application of the slide rule to engineering and related topics, including proportion, powers and roots, logarithms, and trigonometric functions. Prerequisite or co-requisite: Mathematics 112. Two hours' credit.

111-112. Engineering Drawing. Instruction in the use of drafting instruments and equipment. Principles of projection drawing. Drafting practice, including sectional views, auxiliary views, and revolution. Dimensioning, sketching and lettering. Pictorial representation, including axonometric projection, oblique projection, and perspective. Two two-hour periods per week. Two hours' credit for each course.

211-212. Engineering Drawing. Application of multiview and pictorial methods to the representation of geometric solids. Problems in space relationships. Intersections and development of surfaces. American standard dimensioning practice including shop terms. Representations of gears, and piping. Detail and assembly drawings. A drafting project, including technical sketching, working drawings and prints. Prerequisite: Drawing 112. Two two-hour periods per week. Two hours' credit for each course.

For Teacher's Certificate

113. Arithmetic. Content course required for the elementary teacher's certificate. Systems of notation, number concept, the fundamental operations, emphasis on the decimal system of notation, decimal fractions, percentage, graphs and measurement. Two hours' credit.

115. Fundamental Concepts of Mathematics. This course meets the requirement for certification for elementary teachers and high school teachers. Number systems, the Hindu-Arabic system, measurement, the function concept, limits, the nature of proof. Two hours' credit.

DEPARTMENT OF PHYSICS

It is the purpose of this department to help the student understand the workings behind many of the physical phenomena that occur around him every day. It is also to create an interest in him to realize and to utilize the powers of analysis in all aspects of life.

The courses in the physics department are designed to provide basic content for students classified as physics majors and minors, non-science majors, pre-professionals, and those preparing to teach physics in high school. Included also are courses of general interest open to all students.

Students majoring or minoring in Physics must meet the following requirements:

I. Major in Physics—24 hours
   A. Physics 411-2
   B. Ten hours on the junior or senior levels.

II. Minor in Physics—18 hours
   Six hours on the junior or senior levels.

111-2. Physical Science. A general education course broadly covering the physical science area by means of a thorough study of large concepts chosen for their integrative values. The course is non-mathematical. Credit will not count toward a major or minor in physics. Three lectures and one laboratory period per week. Four hours' credit per semester.

211. General Physics. A course in that part of physics dealing with the fundamental laws of mechanics, heat, and sound. Prerequisites: Mathematics 112 or permission of the instructor. Three lecture or recitation hours and one laboratory period per week. Four hours' credit.

212. General Physics. A study of the fundamental laws of electricity, magnetism, light, and modern physics. Three lecture or recitation hours and one laboratory period per week. Prerequisite: Physics 211 or permission of instructor. Four hours' credit.

214. Acoustics. A study of the fundamentals of the production, transmission, reflection and absorption of sound. This course is primarily for music majors and does not carry credit toward a major or minor in physics. Three hours' credit.

313. Intermediate Mechanics. An introduction to the rectilinear and curvilinear dynamics of particles and larger bodies. A study

is made of the applications of the laws of equilibrium to machines and structures. Three meetings weekly. Prerequisite: Physics 211 and Mathematics 211. Three hours' credit.

314. Intermediate Electricity and Magnetism. A study of electric and magnetic fields and circuits. Three meetings weekly. Prerequisite: Physics 212 and Mathematics 211. Three hours' credit.

315. Intermediate Heat. A study of pyrometry, thermometry, calorimetry, and change of state and an introduction to the laws of thermodynamics. Prerequisite: Physics 211 and Mathematics 211. Two hours' credit.

316. Intermediate Sound. A study of vibrating strings and membranes, with emphasis on the acoustical properties of various shaped cavities. Prerequisite: Physics 211 and Mathematics 211. Two hours' credit.

317. Physical Optics. A study of the principles of physical optics and the application of these principles. Prerequisite: Physics 212 and Mathematics 211. Two hours' credit.

318. Elementary Electronics. A study of vacuum tubes, circuits, thermonics, photo-electricity, et cetera. Prerequisite: Physics 212 and Mathematics 211. Two hours' credit.

319-20. Laboratory Practice. Special laboratory problems. One three-hour laboratory period per week. A student need not take both semesters of practice to receive credit for just the one. Prerequisite: Physics 212 and Mathematics 211. One hour's credit per semester.

323. Descriptive Astronomy. A brief introduction to astronomy designed for those wishing a general knowledge of the subject. A description of the members of the solar system and a brief history of the subject showing its contribution to the progress of science. Not to apply toward a major or minor. There are no prerequisites. Two hours' credit.

324. Introductory Meteorology. A brief study of weather maps and polar front analysis and an introduction to the principles underlying weather forecasting. Does not carry credit toward a major or minor. There are no prerequisites. Two hours' credit.

411-2. Atomic and Nuclear Physics. A year's course in the study of the atom with special thought given to spectra, the production of X-rays, natural and induced radioactivity, high energy machines, health physics, et cetera. Included also is a study of the men of modern physics. Prerequisite: Physics 212 and Mathematics 212. Three hours' credit per semester.

DIVISION OF SOCIAL SCIENCE

Since the social sciences are concerned with the origin and develo ment of human society, and with the social, political, economic and cu tural achievements of man they become a necessary part of a liberal (art education. The social sciences are related not only to the development the individual but to human interrelationships and social interaction. Th primary purpose of instruction in the social sciences is to enable the st dent to assume more effectively his responsibilities as a citizen and as leader.

Business Administration
Business Education
Economics
Education
Geography
Health and Physical Education
Psychology
History
Home Economics
Political Science

)EPARTMENT OF BUSINESS ADMINISTRATION, BUSINESS EDUCATION, AND ECONOMICS

'OR THE INDIVIDUAL who desires a career in modern business, a sound nowledge of basic fundamentals in several fields is needed. The operaions of business enterprise in recent years have become increasingly comlex in character. They have ceased to be simple and localized and they ave become highly intricate and involved—statewide, nationwide, and vorldwide. To manage business concerns under our system of free enterrise, broad training is necessary.

The department of Business Administration realizes the need, not only f turning out graduates with basic understandings and some business kills, but also of developing teachers in the field of business education nd secretarial science.

To this end the department offers a wide variety of courses designed o help the student who enters business, pursues advanced study, or follows career in teaching business subjects.

The course offerings in this department include the fields of business dministration, economics, business education, and secretarial science. tudents majoring in business administration or minoring in economics or usiness education must meet the following requirements:

I. Major in Business Administration — 24 hours
   - A. Business Administration 211-2
   - B. Ten hours must be junior or senior level courses
   - C. College Business Mathematics 213

II. Minor in Economics — 18 hours
   - A. Economics 211-2
   - B. Six hours must be junior or senior level courses

II. Minor in Business Education (Secretarial Science)—18 hours
   - A. Secretarial Science 111 & 112 or 211 & 212
   - B. Six hours must be junior or senior level courses

V. Minor in Business Administration—18 hours
   - A. Business Administration 211-212
   - B. Six hours must be junior or senior level courses

Any high school graduate entering Union with at least one high school nit in typewriting or shorthand will be permitted to take a proficiency est in this area. No college credit is given on the basis of this test; however, it is accepted by the State Department of Education toward cerfication in secretarial science when submitted through the registrar's ffice.

A student who has completed a minimum of one year of shorthand or typewriting in high school or the equivalent will enroll for the courses Secretarial Science 311—Shorthand Review; and Secretarial Science 211 —Typing Review, respectively.

Business Administration

113. Introduction to Business. A survey of the general field of business with emphasis on types, forms, and operations of business organization. Three hours' credit.

114. American Economic History. A study of the economic development of the United States from colonial times to the present with special emphasis on its agricultural, industrial, commercial and financial aspects. Three hours' credit.

211-2. Principles of Accounting. An elementary course including study of professional accounting, sole proprietorships, partnerships, and a brief treatment of corporations. Three hours' credit per course.

213. Personnel Management. A survey of the principles and practices of personnel administration. Three hours' credit.

214. Public Finance. A study of the development of government finance, including fiscal policy, the public debt, government income and expenditures, and bases for taxation. Three hours' credit.

312-3. Intermediate Accounting. An intensive study of the theory of accounts and its applications. Selected problems and reading on the various phases of accounting procedure. Three hours' credit each semester.

314. Advanced Accounting Problems. Application of accounting theory to specialized problems of industry. Two hours' credit.

315. Cost Accounting. A study of techniques which embrace an inquiry into methods of accounting for materials, labor and factory burden in job order and process cost systems. Two hours' credit.

316. Auditing. A study of the theory of auditing, the valuation of assets, the analysis of accounting procedure, the presentation of statements. Prerequisite: 313. Two hours' credit.

317. Income Tax Accounting. A study of the internal revenue code as it affects individuals, partnerships, fiduciaries, and corporations. Three hours' credit.

318. Industrial Management and Organization. An introduction

to the principles of planning, coordinating, and controlling the operations of an industrial enterprise with special study on all types of business organizations. Three hours' credit.

319. Business and Government. A study of government implementation, regulation and control of business enterprises. Three hours' credit.

320. Office Management. A study of the most scientific procedures and practices concerning office routine, scheduling work, personnel practices, supervision of employees, and physical equipment. Three hours' credit.

321-2. Business Law. A study of the principles of law frequently occurring in business transactions, including contracts, principal and agent, sales, partnerships, corporations, negotiable instruments, etcetera. Three hours' credit per course.

323. Labor Management Problems. A study of important problems in labor, with special reference to the development of stable relationships between management and organized labor. Three hours' credit.

324. Corporation Finance. A study of corporation and promotion, securities, capital structures, short and long term financing, expansion, reorganization, and liquidation. Three hours' credit.

325. Business Communications. See Business Education 325 for course description. Three hours' credit.

326. Principles of Insurance. See Economics 326 for course description. Three hours' credit.

327. Money and Banking. See Economics 327 for course description. Three hours' credit.

328. Principles of Marketing. A course designed to introduce the student to the major institutions and the basic theoretical concepts of the field of marketing. Three hours' credit.

14. Retail Merchandising. A study of the merchandising problems, policies and procedures of various types of retail institutions. Three hours' credit.

15. Salesmanship. A study of the laws of salesmanship and psychological application of these laws. Three hours' credit.

16. Advertising. A survey course in the functions, theory, and applications of advertising. Three hours' credit.

17. Senior Seminar. A thorough examination of literature in a chosen field, vital to a broadening appreciation of business and economic fields of knowledge. Two hours' credit.

Economics

114. American Economic History. See Business Administration 11 for course description. Three hours' credit.

211-2. Principles and Problems of Economics. The courses a concerned with fundamental economic principles and institution Theoretical and descriptive materials are brought together in th analysis of concrete problems. The courses are designed to pr vide a basic study of the evolution, organization, and functionin of the economic system. Consideration is given to such topics mechanics of modern exchange economy, organization of busine enterprises, theory of national income and employment value an price determination. Three hours' credit per course.

214. Public Finance. See Business Administration 214 for descri tion. Three hours' credit.

323. Labor Management Problems. See Business Administratio 323 for course description. Three hours' credit.

324. Consumer Education. A study of consumer goods and service buying problems, consumer organizations, problems of person finance, etc. Three hours' credit.

326. Principles of Insurance. A survey course dealing with th economic and social benefits of insurance. Major types of insuran are also studied. Three hours' credit.

327. Money and Banking. A study course dealing with the econ mics of money, credit, and banking. Three hours' credit.

328. Principles of Marketing. See Business Administration 328 fc course description. Three hours' credit.

415. Economic Statistics. An introduction to the study of th method of collection classification, analysis, and interpretation c business and economic data. Three hours' credit.

416. Conservation of Natural Resources. A study of the import ance of our natural resources, the need of conservation, and re gional and national planning. Two hours' credit.

417. Development of Economic Thought. An interpretation c the literature and spoken word of the great thinkers of the pa and how they influence present day economic doctrine. Thre hours' credit.

418. Comparative Economic Systems. An analysis of the riva economic doctrines of capitalism, socialism communism, com munism, and fascism. Three hours' credit.

Business Education

111-2. Typewriting. A study of the standard keyboard with emphasis on correct position, vertical and horizontal centering, and drills for speed and accuracy. During the second semester different business forms and letters will be typed. Three hours' credit per course.

211. Typewriting. Designed for students who have had typewriting below the college level. A survey of the work normally covered in beginning typing. Three hours' credit.

212. Advanced Typewriting. Greater speed and accuracy is developed. Office forms and business letters are continued. Three hours' credit.

213. Filing and Indexing. A study of the essentials of indexing and filing. Indexing miniature practice equipment is used. Two hours' credit.

214. Office Appliances. A study of the use and practice in dictating, duplicating, adding and other machines. Prerequisite: Typewriting 111. Three hours' credit.

221-2. Shorthand. A study of the fundamentals of Gregg Shorthand. Prerequisite: Typewriting 112. Three hours' credit per course.

311. Shorthand Review. A review of brief forms and preliminary dictation from eighty to one hundred words a minute. Designed for students who have studied shorthand below the college level. Three hours' credit.

312. Advanced Shorthand. One hundred and one hundred and twenty word dictation. Special emphasis is given to accurate and mailable transcripts. Prerequisite: Secretarial Science 222 or 311. Three hours' credit.

320. Office Management. See Business Administration 320 for course description. Three hours' credit.

325. (313) Business Communication. Practice in the writing of different types of business letters with emphasis on effectiveness in the use of the language. Three hours' credit.

413. Advanced Secretarial Techniques. This course is designed for the development of secretaries capable of assuming responsibilities, exercising good business judgment, and carrying duties to their satisfactory conclusion. Two hours' credit.

414. Secretarial Office Practice. This course is designed to provide laboratory and office experience for seniors who will do secretarial work or teach commerce. Three hours' credit.

DEPARTMENT OF EDUCATION AND PSYCHOLOGY

Offerings in the Department of Education and Psychology serve th following general purposes: to give students a better understanding c human relations and individual adjustment and to help them to appl these concepts in personal living; to provide knowledge in these fielc essential for an area of concentrated study and for further advance work; and to furnish the professional education necessary for prospectiv teachers.

Majors are offered in psychology and in elementary education, mino are offered in psychology and in secondary education. Students majorin or minoring in psychology or education must meet the following require ments:

I. Major in Psychology—27 hours
   A. Twenty-four hours in psychology
   B. Education 317

II. Major in Elementary Education

   Students majoring in Elementary Education will meet require ments for teaching in this field as outlined on pages 58 and 5

   Students planning to teach in high school are referred to page 6

III. Minor in Psychology—21 hours
   A. Eighteen hours in psychology
   B. Education 317

IV. Minor in Secondary Education—21 hours
   A. Twelve hours in education
   B. Elective—nine hours in education or psychology
   C. Nine hours junior-senior courses

The professional work in the teacher education program for position both in high school and in the elementary grades is given on pages 59-6 Teachers wishing to renew certificates should consult the registrar or th head of the department of education.

EDUCATION

111. Freshman Orientation. A guidance course for freshmen. Topic studied include: getting acquainted with the college environment study habits, use of the library, and reading proficiency. Require of all freshmen. Does not count toward major or minor. On hour's credit.

313. The Teaching of Social Studies and Science. A methods course dealing with teaching social studies and science in the elementary school. Emphasis on activities and units of work. Two hours' credit.

314. The Teaching of Arithmetic. A materials and methods course. A study is made of the arithmetic curriculum in the elementary grades. Emphasis is placed on the application of concepts and processes at the various grade levels. Two hours' credit.

315. The Teaching of Reading. This course is concerned with materials and methods in teaching reading in the elementary school. Interrelationships in the total language arts program are studied. A developmental program is stressed. Two hours' credit.

316. History and Philosophy of American Education. The main developments in American education are studied in the light of their historical and philosophical foundations. Two hours' credit.

317. Tests and Measurements. Deals with the theory of testing, construction of tests, and the administration and scoring of tests. acquaintance with the state testing program, and with commonly used statistical measures is provided for in the course. Prerequisite: Psychology 213. Three hours' credit.

319. Audio-Visual Materials In Education. The scope, history, and value of audio-visual materials; the operation, care, and use of equipment; intensive study by each student of material selected from his major field. Two hours' credit.

321. Principles and Methods of Teaching in Secondary Schools. A basic course in fundamentals of secondary school teaching with emphasis on the unit method. A study is also made of the secondary school as an institution in a democratic society and of the reorganizations that are taking place in this field. Prerequisite: Psychology 313 or consent of the instructor. Three hours' credit.

322. Library Materials and Service. A course designed to acquaint teachers with the school library both from the point of view of the teacher and the librarian. One hour's credit.

323. Educational Sociology. A study of the relation of the school to the community and other social institutions. Prerequisites: Sociology 211 or consent of the instructor. Two hours' credit.

411-2. Student Teaching in Elementary School. The purpose of the course is to provide for observation, participation, and stu-

dent teaching under supervision. Classes meet daily and an addi tional hour must be reserved for a seminar. Prerequisites: Ar average grade of C both in academic subjects and in professiona courses completed. Psychology 213, 318; Education 311, anc methods courses in the areas where the teaching is to be done Four and two hours' credit respectively.

413-4. Student Teaching In Secondary School. The purpose o this course is to provide for observation, participation and studen teaching in the secondary school. Classes meet daily and an addi tional hour must be reserved for a seminar. Prerequisites: Ar average grade of C both in academic subjects and in professiona courses completed; Psychology 313; Education 321 and a method course in the area where the teaching is to be done. Four and tw hours' credit respectively.

415. Educational Laboratory. Advanced and/or experienced stu dents are given opportunity to study and practice procedures use in dealing with children who have marked educational problems Prerequisites: Psychology 213, 318; Education 315. Two hour credit.

Special Methods Courses in Secondary School Subjects

416. Arts and Crafts for Teachers. A materials and method course in the teaching of arts and crafts in elementary an secondary school. Two hours' credit.

417. Teaching Art in Secondary School. A materials and method course in the teaching of art. Two hours' credit.

418. Teaching Science. A course for majors and minors who plan t teach biology, physics, or chemistry in secondary school. Pre requisite: Twelve hours in Biology. Two hours' credit.

419. Teaching of Business Subjects. A material and method course in the teaching of general business subjects for those wh plan to teach these subjects in secondary school. Two hour credit.

420. Teaching English in Secondary School. A survey of metho and materials used in teaching English. Two hours' credit.

421. Teaching Health and Physical Education in Secondar School. The purpose of the course is to prepare the student t carry out the health and physical education program at th secondary school level. Two hours' credit.

422. Teaching of Mathematics in Secondary School. A course in methods for high school teachers of mathematics. Prerequisite or co-requisite: Mathematics 211. Two hours' credit.

423. Techniques in Modern Language Instruction. A study of principles, practices, and methods of teaching modern languages in secondary school. Prerequisite: 211 and 212 in the language studied. Two hours' credit.

424. High School Music Methods. A methods and materials course for those who plan to teach public school music and instrumental music in elementary and secondary school. Two hours' credit.

425. Teaching the Social Studies in Secondary School. A materials and methods course in the teaching of the social studies. Two hours' credit.

PSYCHOLOGY

213. General Psychology. A fundamental course in human behavior from the bio-social viewpoint. Demonstrations constitute a basic part of the work. Three hours' credit.

214. Psychology of Adjustment. Total adjustment is studied as it relates to personal development, educational experiences, vocational choices, home and family living, and social adaptations. Two hours' credit.

313. Educational Psychology. An intensive study is made of the learning process, including a consideration of learning theories. This study is related to such topics as development and environmental influences. Prerequisite: Psychology 213. Two hours' credit.

315. History of Psychology. A survey of the development of psychology from its early beginning to the present time. Contributions of outstanding men are emphasized. Prerequisite: Psychology 213. Three hours' credit.

317. Abnormal Psychology. Topics studied will include: causes and types of abnormal phenomena, mental hygiene and therapeutic methods. Prerequisite: Psychology 213. Three hours' credit.

318. Developmental Psychology. A study of human growth an development from conception through old age. Observatio is emphasized. Prerequisite: Psychology 213. Three hours' credi

411. Elementary Statistics. A study of the basic statistical measure and concepts helpful in understanding experimental design an the reports of experiments in psychology and education; a stud of averages, measures of variability, coefficient of correlation, sam pling error, levels of confidence, and other related concept Prerequisite: Psychology 213 and consent of instructor. Thre hours' credit.

413. Psychological Measurements. The student will study th nature, administration, and interpretation of intelligence test interest tests, personality tests, and aptitude tests. Prerequisites Psychology 213, 313, and 411 or Education 317. Three hour credit.

418. (414) Social Psychology. A survey of the factors which un derlie the development of social behavior, the social aspects c personality development and the interaction between the indiv dual and groups. Prerequisite: Psychology 213. Two hours' credi

DEPARTMENT OF HISTORY

The Department of History offers courses which are designed to meet both cultural and professional objectives. They attempt to give the student a discriminating knowledge of the past by encouraging an understanding of other times according to the standards of those times and by evaluating institutions and movements in the light of their effects upon later developments. The historical approach to the understanding of current problems is desirable for those who expect to enter such professions as teaching, the ministry, the law, journalism, social work, the foreign service or politics. It is also useful for those who are seeking a broad, general education as a background for good living.

Students majoring or minoring in history must meet the following requirements:

I. History major—26 hours
   A. History 111-2, 211-2, 431.
   B. Ten hours must be junior and senior level courses.

II. History minor—18 hours
   A. History 111-2, 211-2.
   B. Six hours must be junior and senior level courses.

HISTORY

111. Europe, 376 to 1660. Survey of cultural, economic, political, religious, and social developments. Three hours' credit.

112. Europe, 1660 to the Present. A continuation of History 111. Three hours' credit.

211. The United States, 1492 to 1865. A survey of political, social, and economic developments particularly as they reflect the development of the American democratic tradition. Three hours' credit.

212. The United States, 1865 to the Present. A continuation of History 211. Three hours' credit.

213. Ancient Greece and the Near East. Early Minoan civilization, rise of the Greek city-state, political and social history through the Hellenistic period. Three hours' credit.

214. Rome and the West. Roman conquest of Italy; rise and decline of the republic; rise of the empire; contribution to western civilization. Three hours' credit.

311. History of England to the Eighteenth Century. A study of the origin and growth of the English people from ancient times

to the eighteenth century. Emphasis is placed on constitutional developments. Prerequisite: History 111 or consent of the instructor. Three hours' credit.

312. England from the Eighteenth Century to the Present. Stress is placed upon main currents of thought, constitutional changes, the rise of parliament, and imperial policy. Prerequisites: History 112 or consent of the instructor. Three hours' credit.

313. History of Latin America. A survey of the history of Latin America from the period of the Spanish Colonial Empire to the present. Prerequisites: 6 hours of American history or consent of the instructor. Three hours' credit.

315. History of Tennessee. The political, constitutional, social, and economic history of Tennessee from 1796 to the present. Two hours' credit.

316. Renaissance and Reformation. Northern, southern, and high renaissance; reformation, counter-reformation, and Protestantism. Three hours' credit.

317. The French Revolution. A study of the background, personalities and events of the revolution, the Napoleonic Wars, and the Congress of Vienna. Three hours' credit.

321. Nineteenth Century Europe. The history of the chief social and political developments from the Congress of Vienna to the close of the Nineteenth century. Prerequisite: History 112 or consent of the instructor. Three hours' credit.

322. Twentieth Century Europe. The history of the chief social and political developments since 1900 with an emphasis on international relations. Prerequisite: History 112 or consent of the instructor. Three hours' credit.

323. Church History. See Religion 323 for description.

324. Church History. See Religion 324 for description.

*325-6. Current Events. An analytic study of state, national, and international events. Readings from newspapers and magazines. Students may enroll on a non-credit basis. One hour's credit per semester.

411. History of American Diplomacy, 1776 to 1865. A survey of the most significant developments of American foreign policy. Prerequisite: History 211. Three hours' credit.

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*No credit allowed toward core curriculum requirements or a history major or minor.

412. History of American Diplomacy, 1865 to the Present. A continuation of History 411 with emphasis on problems arising from our emergence as a major world power. Prerequisite: History 212. Three hours' credit.

417. The South. The Old and the New South, 1607 to the present. Prerequisite: History 211 and 212 or consent of the instructor. Three hours' credit.

418. Russia. The history of the political and institutional developments in Russia since Peter the Great with an emphasis on the Russian Revolution and international relations. Prerequisite: History 111 and 112, or consent of the instructor. Three hours' credit.

422. American History, 1900 to the Present. A survey of recent political, social, and economic changes in the United States. Emphasis is placed on reforms and foreign policies. Prerequisite: History 212 or consent of instructor. Three hours' credit.

423. Social and Intellectual History of the United States. Social and intellectual cross currents in American history beginning with colonial America. Occupations, recreation, religious movements, Utopias, reform movements, immigration, labor, Social Darwinism, etc. Prerequisite: History 211-12. Three hours' credit.

424. The Middle Period of American History, 1815-1848. An intensive study of the political, diplomatic, economic and intellectual history of the period. Basically philosophic in nature, the course will include such topics as political institutions, the rise of Jacksonian Democracy, the Whig Party, the development of the slavery controversy, the role of art, education, religion, labor, etc., in the period and significant personalities. Three hours' credit.

431. Senior Seminar. A study of the philosophy of history and an intensive survey of the recent literature in the field. Two hours' credit.

SOCIOLOGY

Students minoring in sociology must meet the following requirements:

I. Sociology—18 hours
   A. Sociology 211, 417
   B. Six hours must be junior and senior level.

211. Principles of Sociology. A survey of sociology in an effort to master the principles and laws found in social relations. Three hours' credit.

213. Social Problems. A practical introduction to some of the spe cific contemporary social problems. Prerequisite: Sociology 211 or consent of the instructor. Three hours' credit.

314. Rural Sociology. An intensive course in the elements of rura life to meet the needs of rural teachers, pastors, and other rura community workers. Prerequisites: Sociology 211 or consent c the instructor. Two hours' credit.

315. The American Community. A course planned to help the stu dent obtain insight into American community life. Prerequisite Sociology 211 or consent of the instructor. Two hours' credit.

316. Crime and Delinquency. A study of the sources of crime an delinquency, theories of punishment, treatment of crime, etc Prerequisite: Sociology 211 or consent of the instructor. Thre hours' credit.

317. Urban Sociology. A study of the growth of cities, the social pro cesses and social organization of the city and their effect on peopl Two hours' credit.

323. Educational Sociology. See Education 323 for description Two hours' credit.

414. The Family. A course planned to provide background an understanding concerning the trends and problems of marriag and family life. Prerequisite: Sociology 211 or consent of th instructor. Two hours' credit.

415. Population Problems. A study of the social implications c changing birth rates, population shifts, population pressures, etc Prerequisite: Sociology 211 or consent of the instructor. Thre hours' credit.

417. The History of Social Thought. A survey of the origin an development of social thought with an emphasis on contemporar social theory. Prerequisite: Sociology 211 or consent of th instructor. Three hours' credit.

418. Social Psychology. See Social Psychology 414 for course de cription. Two hours' credit.

POLITICAL SCIENCE

211. American National Government. A study of the developmen structure, and operation of our national government. Three hour credit.

212. American Government. A continuation of Political Science 211, including a survey of the constitutional status of the states, their internal structure and processes of operation. The functions of the county and municipality are examined in the light of present trends toward centralization. Three hours' credit.

313. Political Parties and Electoral Problems. A study of the nature, development and functioning of political parties in the United States. Attention is given to leaders, issues, and problems of our party system. Prerequisite: Political Science 211 or consent of instructor. Two hours' credit.

314. European Governments. A survey of the constitutions and governmental operations of the major powers of Europe. Prerequisite: Political Science 211 or History 322. Three hours' credit.

413. Modern and Contemporary Political Thought. A survey of the leading European and American political ideas. Prerequisite: Consent of the instructor. Three hours' credit.

GEOGRAPHY

213. Elements of Geography. A basic course emphasizing the physical aspects. Two hours' credit.

311. Geography of North America. An interpretive study of the natural regions and their influence on the economic life of man with an emphasis on the historical development. Three hours' credit.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

PHYSICAL EDUCATION

The Department of Health and Physical Education believes physica education to be that part of the total school program which adds it unique contribution primarily through the medium of large muscl activity; with the acquisition of motor skills of interest to youth and o value in later life recreational activities; and with the development o socially desirable habits, attitudes, and knowledge which contribute t the aims of education.

The aims of the Health and Physical Educational Department are a follows: to build a basis in scientific information for good health attitude and habits; to guide youth in the conservation and improvement of thei own health; to cultivate in the student socially desirable attitudes an traits, to offer opportunity for recreation; to emphasize the acquiring o skills in recreational physical activities that can be used pleasantly an profitably in later life; to prepare teachers (coaches), health educators supervisors, administrators and other specialists in the fields of schoo and community health, physical education, and recreation.

The Health and Physical Education Department feels since th emphasis in education is being placed on the complete development o each individual, students should be brought to realize the importance o that part of their education which comes through participation i physical activities. With this purpose in mind, the faculty at Unio University requires all students to have two hours of physical educatio per week during their freshman and sophomore years.

Students majoring or minoring in Health and Physical Education mus meet the following requirements:

I. Major in Health and Physical Education—27 hours
   A. Health—12
   B. Physical Education—12
      1. Physical Education 321, 417, 419
      2. Ten hours must be junior and senior courses.

II. Minor in Health and Physical Education—21 hours
   A. Health—9
   B. Physical Education—12
      1. Physical Education 321, 417, 419
      2. Eight hours must be junior and senior courses.

111-2. Physical Education. An exploratory course in physical education activities. One-half hour credit per semester.

113. Aquatics I: Beginners Learn to Swim. This Aquatic Course is offered for the students that cannot swim or who have acquired no aquatic skills whatsoever. The objective of this course is to instruct students how to swim by using nationally recommended methods. Two hours' credit.

211-2. Physical Education. An exploratory course in physical education activities. One-half hour credit.

213. Aquatics II: Advanced Aquatics. This Aquatic course is offered for the students who are able to swim, but who desire to acquire better swimming skills such as: breast stroke, side stroke, crawl stroke, back swimming, life saving stroke, flutter kick, scissor kick, inverted scissor kick, frog kick and increasing swimming ability that they may be able to swim 440 yards. Two hours' credit.

214. Tumbling & Stunts. Theory and Practice. One hour credit.

215. Golf & Tennis. This is a beginning course covering the basic fundamentals. Theory and practice. Two hours' credit.

216. Marching & Calisthenics. Theory and practice. One hour credit.

217. Minor Sports. This course covers the history and rules and gives practice in playing a number of sports such as volleyball, archery, badminton, bowling, table tennis, touch football, and speedball. Two hours' credit.

220. Physical Education in the Elementary Schools. Techniques of teaching with curriculum planning, including selection of material suitable for different age levels in grades one through eight. Two hours' credit.

221. Recreational Sports and Games. This course includes games of low organization, classified according to age levels for playground and classroom, mass games, relays, story play, mimetics, singing games and stunts will be included. Opportunities are given students to teach under directed supervision. Two hours' credit.

222. Skills and Techniques of Team Sports. Methods of teaching the skills and techniques of softball, volleyball, soccer, speedball and field ball. Meets three times weekly. Three hours' credit.

224. Programs, Pageants, and Festivals. A study of the organizatic and production of play days, festivals, pageants, programs f schools and P. T. A. meetings, and problems in stage plannin costuming and financing will be studied. Three hours' credit.

313. Aquatics III: Life Saving. Aquatics III is for students wh have completed the Aquatic II course. The purpose of th course is to instill in the minds of the students the principles water safety and to certify those students who successfully com plete the course as lifesavers. To become a lifesaver a studer shall be required to master many skills such as: (1) disrobing i water; (2) using disrobed clothing as buoyants; (3) dealing wit cramps in the legs or other parts of the body; (4) acquiring th skills of reaching and wading assists; (5) knowing how to assi a tired swimmer or a novice swimmer; (6) knowing how to ente the water when going to a rescue; (7) various approaches whe rescuing a drowning person; (8) various carries to be used whe towing a person from the water; (9) defensive tactics to be use when attacked by a frantic victim; (10) shallow water carrie and (11) artificial resuscitation. Students desiring this cours shall be required to pass a written and acual water examinatio Two hours' credit.

316. Advanced Golf & Tennis. A continuation of the fundamental with emphasis on the points of individual weaknesses. Prerequis ite: P. E. 215, or permission of the instructor. Two hours' credit

317. Organization & Administration of Intramurals. A study o the problems involved in planning, organizing, and directing a coordinated program of recreation within the school. Attentio is given to units, time, activities, points, awards, rules, finances publicity, co-recreation, and other administrative problems. Thre hours' credit.

318. Athletic Injuries. Theory and practice in treating the more common injuries in physical education and athletic activities. Attention will be given to massage, bandaging, treatment o sprains, strains, bruises, and wounds; diet and conditioning o athletes. Experience in the training room will be given. Three hours' credit.

319. Officiating Major and Minor Sports. Emphasis is placed upon techniques and mechanics of officiating and the interpreting of the official rules concerning major sports. This course will

prepare you for membership in local or state officials' associations. Two hours' credit.

320. Community Play and Recreation. Discussion and handling of playground and adult recreation under supervision covering: Types of play area, playground layout, design, construction, management, supervision, and care of equipment. Conducting program of activities adaptable for all ages; handicraft, nature work, music, athletics, dramatics, dancing, story telling. Organization and conduct of leagues, meets, pageants, and routine athletics. Nature and function of play and age periods. Open to non-majors. Two hours' credit.

321. History and Principles of Physical Education. A study of the historical background, general scope, principles, and objectives of health and physical education in its relationship to education as a whole. Two hours' credit.

322. Rhythms. A practical activity course for teaching rhythmical activities to pupils in the elementary and secondary schools. Two hours' credit.

324. Coaching of Football. This course includes the theory and practice in the fundamentals as well as a review of the various systems or types of play. Class meets three days weekly; one lecture and 2 laboratory. Two hours' credit.

325. Coaching of Basketball. This course includes the theory and practice in the fundamentals as well as a review of the various systems or types of play. Class meets three days weekly; one lecture and 2 laboratory. Two hours' credit.

326. Coaching of Track and Field. This course includes the theory and practice in the fundamentals as well as a review of the various systems or types of play. Class meets three days weekly; one lecture and 2 laboratory. Two hours' credit.

327. Coaching of Baseball. This course includes the theory and practice in the fundamentals as well as a review of the various systems or types of play. Class meets three days weekly; one lecture and 2 laboratory. Two hours' credit.

415. Driver Education. Theory and practice in conducting driver education programs. This course leads to the A.A.A. certificate qualifying persons to conduct programs in driver training and driver education. Prerequisite: P. E. 218 and drivers license. Three hours' credit.

417-8. Observation and Teaching. This course is designed to giv students in their junior or senior year practical teaching experienc as a lead-up to the actual course in practice teaching in th senior year. The student will be assigned to a member of th physical education staff as assistant in one of the required physica education classes. He will critically observe the teacher as well a assist in teaching. All students who sign for this course will mee as a group one period a week for a discussion of problems arisin from their observation and teaching assignment. One hour credi per semester.

419. Organization and Administration of Physical Education A course designed for majors in physical education. The cours deals with the administrative problems in a department of physi cal education in the city school system, rural district, elementar and high school, and colleges. Three hours' credit.

421-2. Physical Education in the High School. Techniques o teaching with curriculum planning, including selection of materia suitable for different age levels in grades seven through twelve Three hours' credit per semester.

HEALTH

111. Personality Development. This course deals with such fun damentals as posture, fashion sense, wardrobe, clothes care, voice culture, conversation, etiquette, and other social graces that make for feminine attractiveness both in appearance and demeanor Credit—correlates with P. E. 111 and 112.

222. First Aid. A course related to the study of the methods of giv ing first aid. The standard and advanced American Red Cross First Aid Certificates are awarded to students completing this course. Two hours' credit.

323. School Health Education. A study of the aims, methods and materials for teaching health in the schools. The course includes the study of human relations, including such areas as mental hygiene, family relations, and community relations. Three hours' credit.

324. Personal Hygiene and Nutrition. A study of the care of the body in respect to structure and functioning. Three hours' credit.

325. Problems in Family, School and Community Health. The purpose of this course is to provide an opportunity for the student to participate in individual or group study in specialized problems which have been identified in the health area. Two hours' credit.

326. Health Education in Elementary School. The purpose of the course is to supply a background in health education essential to the teacher in the elementary school. Methods of health instruction are included. Three hours' credit.

327. Environmental Sanitation. This course deals with the problems of general sanitation, water supply, waste disposal, insect and rodent control, sanitary control of milk and foods, school and restaurant sanitation, and inspection services. Emphasis is placed on problems in house heating, ventilations, and lighting. Specialists in these fields will be used for lectures. Field trips will supplement textbook and reading assignments. Three hours' credit.

HOME ECONOMICS

The term home economics will call up different mental responses in different individuals. However, home economics at the undergraduate level has for its primary objective helping the individual student to achieve a rich and satisfying home and family life. It is concerned with the personal and group values that are desirable outcomes of successful family life and with the use of personal, family and social resources for the attainment of these values. It deals with the social, economic, esthetic, managerial, health and ethical aspects of family relations, child development, foods, clothing and housing.

Since the achievement of better every-day living on the campus and in Christian homes is one of the major goals of Union University, the Department of Home Economics has accepted this as the guide for planning the curriculum in home economics.

The department offers a minor in home economics and gives opportunity for students to meet some prerequisites in the various fields of home economics.

Students minoring in Home Economics must meet the following requirements:

I. Minor in Home Economics—a minimum of 21 hours.
   A. Home Economics 311 and 315.
   B. Eight hours on junior-senior level.

FOODS AND NUTRITION

111. Elementary Foods. A basic study of the principles of food selection and preparation, with an introduction to the planning and serving of meals in the home. One hour and two laboratory periods. Three hours' credit.

113. Elementary Nutrition. A study of the elementary principles of nutrition and their application to the individual and the family. Three hours' credit.

313. Advanced Nutrition. A study of the fundamentals of human nutrition with practice in dietary planning. Two hours and one laboratory period. Three hours' credit.

314. Diet in Disease. A study of dietary problems in the prevention and treatment in disease. Prerequisite: Nutrition 313. Two hours and one laboratory period. Three hours' credit.

316. Experimental Cookery. Food preparation from an experimental standpoint. Prerequisite: Foods 111, or consent of the instructor. Chemistry recommended. One hour and two laboratory periods. Three hours' credit.

318. Quantity Cookery. A study of the planning, marketing and serving of food in large quantities. One hour, two laboratory periods. Three hours' credit.

319. Meal Planning, Preparation and Table Service. Planning, marketing, preparation and service of food for the family. (This includes the study of table linens, china, silver and glassware). One hour and two laboratory periods. Three hours' credit.

416. Institutional Organization and Management. Practical problems in organization and management applied to feeding large groups. Three hours' credit.

HOME MANAGEMENT AND FAMILY RELATIONS

213. Home Nursing. Home care of the sick; first aid, including laboratory practice in first aid and practical nursing. One period, one laboratory period. Two hours' credit.

311. Child Development. A study of the mental, social and emotional development of the child from infancy to six years of age. Special emphasis given to his place in the family group. Three hours and two hours observation per week. Three hours' credit.

312. The Home and Its Furnishings. An analysis of the factors involved in the selection and furnishings of a home so that families may have suitable living environment. Topics include selection of suitable house; the selection and care of home furnishings. One hour and one laboratory. Two hours' credit.

315. Family Relations. A study of modern family life giving special emphasis to the activities of the home as they relate to the development of the family and its individual members. Prerequisite: Three hours psychology or sociology or child development. Three hours' credit.

320. Contemporary Family Problems. The use of available personal and family resources, both human and material, to achieve more satisfying individual and family living. The importance of management of resources to successful family relationships. Two hours' credit.

413. Household Equipment. A study of household equipment wi a view to giving a better understanding of the principles involve in its selection, care and operation in the home. Field trips w be made. One hour. One laboratory period. Two hours' credit.

414. Home Management and Consumer Education. Economi of the household from the standpoint of money, time, and energ especially from the standpoint of the home maker as t household buyer. Three hours' credit.

TEXTILES AND CLOTHING

112. Elementary Clothing Selection and Construction. Fu damental principles of selection and construction of simple ga ments. Selection and use of commercial patterns. Principles fitting. Use and care of machine. Three laboratory periods. Thr hours' credit.

211. Family Clothing. Study of the clothing needs of the famil including ready made clothing and household textiles. Speci emphasis is given to the selection, care and construction of clot ing for children of various age levels. One hour lecture and tw laboratory periods. Three hours' credit.

317. Tailoring. Study of the fundamental principles of tailorin Selection, fitting, and construction of tailored garments. Thr laboratory periods. Prerequisite 112, or consent of the instructo Three hours' credit.

412. Textiles. Study of fabrics used for clothing and house furnis ings with emphasis on the consumers' problems in selection, u and care. Prerequisite: Chemistry. Two hours and one laborato period. Three hours' credit.

Freshmen Class—Fall Semester, 1960-61

llen, Andrea Catherine ..... Humboldt, Tennessee
rquitt, George Edward, Jr. ..... Sedalia, Missouri
abb, Ann Elizabeth ..... Jackson, Tennessee
ain, William M. ..... Jackson, Tennessee
aker, Barbara Joy ..... Memphis, Tennessee
aker, Betty Sue ..... Jackson, Tennessee
aker, Ronald Ernest ..... Poplar Bluff, Missouri
anks, Grady S. ..... Memphis, Tennessee
arham, Evelyn Nadine ..... Lewisburg, Tennessee
elew, Patricia Ann ..... Huntingdon, Tennessee
ennett, Linda Lou ..... Jackson, Tennessee
enton, Joseph Franklin ..... Glennville, Georgia
ishop, Robert Max ..... Brownsville, Tennessee
lackstock, David Lloyd ..... Jackson, Tennessee
ond, Joe Thomas ..... Humboldt, Tennessee
oone, James Arthur ..... Jackson, Tennessee
oucher, Mildred Edwana ..... Dyer, Tennessee
owman, Wanda Gayle ..... Jackson, Tennessee
oyer, Judith Kay ..... New Madrid, Missouri
ratcher, Jimmy E. ..... Springfield, Tennessee
razier, James Weldon ..... Shawneetown, Illinois
rown, Lynda Gale ..... Memphis, Tennessee
urch, Evalynn ..... Memphis, Tennessee
urress, Henry Burl ..... Huron, Tennessee
yford, Joseph Houston ..... Memphis, Tennessee
ynum, John Winford, Jr. ..... Jackson, Tennessee
ampbell, Mary Lester ..... Camden, Tennessee
laiborne, Dan Austin ..... Brownsville, Tennessee
offman, Betty Marie ..... Jackson, Tennessee
oker, Eleanor A. ..... Memphis, Tennessee
ole, Sarah Barbara ..... Jackson, Tennessee
ole, William Burton, Jr. ..... Jackson, Tennessee
ollins, Ronnie Wilson ..... Jackson, Tennessee
onnell, Ann Elizabeth ..... McKenzie, Tennessee
ook, Billy ..... Caruthersville, Missouri
ovington, James Royce ..... Union City, Tennessee
ravens, Judith Eileen ..... Jackson, Tennessee
rowe, Robert Joseph ..... Memphis, Tennessee
rowell, Gary Anthony ..... Jackson, Tennessee
ruse, Nolan Neil ..... Sonora, Kentucky
urry, Carol Sue ..... Jackson, Tennessee
urlin, Winburn Hall, Jr. ..... Brownsville, Tennessee
alton, Robert Dewitt ..... Oakfield, Tennessee
avidson, Joan Elizabeth ..... Memphis, Tennessee
avidson, Bonnie Walker ..... Paris, Tennessee
ill, Cherry Ann ..... Jackson, Tennessee
ouglas, Donnel Dale ..... Lavinia, Tennessee
uke, James Paul ..... Jackson, Tennessee
unn, William Wallace ..... Jackson, Tennessee
yer, Thomas Ross ..... Halls, Tennessee
lder, Shelia Janice ..... Jackson, Tennessee
llis, William Preston, Jr. ..... Memphis, Tennessee
merson, Robert Richard ..... Saulsbury, Tennessee
ngland, Margie Anita ..... Jackson, Tennessee
noch, John Dale ..... Bolivar, Tennessee
pps, Jerry Ray ..... Poplar Bluff, Missouri
latt, Janice Marie ..... Dyersburg, Tennessee
oote, Martha Gail ..... Memphis, Tennessee
owler, James Roland ..... South Fulton, Tennessee

Fox, Johnnie R. ..... Trezevant, Tennessee
Freeman, Ernest, III ..... Brownsville, Tennessee
Gardner, George Percy, III ..... Jackson, Tennessee
Gardner, Paul Franklin ..... Humboldt, Tennessee
Garner, Tony Lee ..... Raleigh, Tennessee
Garrison, Donald Ray ..... Rutherford, Tennessee
Gary, Nancy Elizabeth ..... Memphis, Tennessee
Gilbert, Martha Lou ..... Lexington, Tennessee
Good, Mary Janice ..... Memphis, Tennessee
Googe, Janeen Annyce ..... Jackson, Tennessee
Gordon, Shirley Jane ..... Jackson, Tennessee
Green, Herman Herbert, Jr. ..... Flint, Michigan
Greenup, Linda Paulette ..... Bradford, Tennessee
Griffin, Marietta ..... Halls, Tennessee
Grisham, Joyce Ann ..... Beech Bluff, Tennessee
Gurley, Sandra Lee ..... Dyersburg, Tennessee
Hall, Delores Jean ..... Memphis, Tennessee
Hall, Sandra Mae ..... Dyer, Tennessee
Han, Changyeal Bill ..... Seoul, Korea
Haney, Austin Spencer ..... Milan, Tennessee
Harris, Joan Lavaughn ..... Dyersburg, Tennessee
Hawks, Clifford Dwight ..... Humboldt, Tennessee
Hawkins, Thomas Kerr ..... Monessen, Pennsylvania
Haywood, Robert Eugene ..... Stanton, Tennessee
Highsmith, Christa Antoinette ..... Collierville, Tennessee
Hogue, Allen Donald ..... Halls, Tennessee
Holmes, Connie Sue ..... Memphis, Tennessee
Humphrey, Ann Carole ..... Springfield, Tennessee
Humphreys, Julia Burch ..... Humboldt, Tennessee
Hurt, Linda Kay ..... Paris, Tennessee
Hutcherson, Anita Berniece ..... Ripley, Tennessee
Jerden, Diana Rose ..... Memphis, Tennessee
Johns, Sylvia Ann ..... Jackson, Tennessee
Johnson, Sandra Louise ..... Jackson, Tennessee
Jones, Alvis Neal ..... Jackson, Tennessee
Jones, Billy G. ..... Blytheville, Arkansas
Jones, Carolyn Ann ..... Dyersburg, Tennessee
Jones, Edwin Wright ..... Benton, Kentucky
Jones, James Miller ..... Dyersburg, Tennessee
Jones, Tommy Morris ..... Martin, Tennessee
Jordan, Carolyn Lavene ..... Grand Junction, Tennessee
Jordan, Robbie Janette ..... Lexington, Tennessee
Jowers, Jimmy Farrell ..... Lexington, Tennessee
Kee, Hilda Faye ..... Humboldt, Tennessee
Kelley, Tommy Lynn ..... Dyersburg, Tennessee
Kent, Mary Janice ..... Memphis, Tennessee
King, Don Pope ..... South Fulton, Tennessee
King, Thomas H. ..... Rutherford, Tennessee
Knipper, Adrian Benton ..... Bolivar, Tennessee
Koch, Warren Edward ..... Metropolis, Illinois
Korte, Fred Clarence ..... Metropolis, Illinois
Kuykendall, Albert Jerry ..... Jackson, Tennessee
Lackie, Sue Todd ..... Jackson, Tennessee
Langley, Shannon Harvey ..... Jackson, Tennessee
Lawrence, Molly Booth ..... Jackson, Tennessee
Livingston, Donna Wayne ..... Memphis, Tennessee
Looney, Linda Lou ..... Henry, Tennessee
McCaleb, Joe Wallace ..... Memphis, Tennessee
McDaniel, Sandra Jean ..... Jackson, Tennessee
McDaniel, William Lynn ..... Bolivar, Tennessee
McWilliams, Linda June ..... Owensboro, Kentucky
Malone, Charles Franklin ..... Ripley, Tennessee

Maness, Becky Lee ..... Jackson, Tennessee
Martindale, Linda Lee ..... Jackson, Tennessee
Massa, Greta Deloris ..... Barlow, Kentucky
Mayo, Brenda Gayle ..... Milan, Tennessee
Melson, Jerry Lee ..... Savannah, Tennessee
Melton, Judith Ann ..... Eva, Tennessee
Melvin, David Boyd ..... Bradford, Tennessee
Middleton, Tony MacArthur ..... Memphis, Tennessee
Milam, Carole Joye ..... Memphis, Tennessee
Miles, Linda Louise ..... Bradford, Tennessee
Miller, Carol Gaye ..... Poplar Bluff, Missouri
Mills, Patricia Dianne ..... Memphis, Tennessee
Moore, Hugh Maynard ..... Jackson, Tennessee
Morton, Rebecca Lynn ..... Memphis, Tennessee
Neal, Sandra Gayle ..... Jackson, Tennessee
Neudecker, Charles Raymond ..... Jackson, Tennessee
Newell, Robert William ..... Humboldt, Tennessee
Nichols, Delores Faye ..... Birmingham, Alabama
Nowell, Ralph Patton ..... Jackson, Tennessee
Oller, Gary Wayne ..... Jackson, Tennessee
Palmer, Michael Edward ..... Jackson, Tennessee
Parker, Douglas Gary, Jr. ..... Trenton, Tennessee
Peters, Claude Allen ..... Bolivar, Tennessee
Peters, Jerry Thomas ..... Jackson, Tennessee
Phelan, Patricia ..... Trenton, Tennessee
Piercey, Winston Neil ..... Oakfield, Tennessee
Pipkin, Oscar David ..... Jackson, Tennessee
Pollard, George Marion ..... Memphis, Tennessee
Potter, Jerry Lee ..... Shawneetown, Illinois
Potts, Judy Ann ..... Holland, Missouri
Pounds, William Sidney ..... Jackson, Tennessee
Powell, Beverlyn Jane ..... Braggadocio, Missouri
Powers, Barbara Booth ..... Columbus, Georgia
Powers, Bill Edgar, Jr. ..... Columbus, Georgia
Price, Floyd Vasco ..... Chewalla, Tennessee
Pritchett, Anita Kaye ..... Dyersburg, Tennessee
Province, Charles E., Jr. ..... Jackson, Tennessee
Pulliam, Betty Grace ..... Jackson, Tennessee
Pulliam, Jimmy Troy ..... Bolivar, Tennessee
Queen, Glenda Jean ..... Ripley, Tennessee
Quint, Robert Reuben ..... Metropolis, Illinois
Rains, Carolyn Ann ..... Brownsville, Tennessee
Ray, Larry Edward ..... Paris, Tennessee
Replogle, Robert David ..... Medina, Tennessee
Rhodes, Shelia Ann ..... Jackson, Tennessee
Robertson, Joe Leonard ..... Humboldt, Tennessee
Russell, Rose Ann ..... Columbus, Kentucky
Sanders, Betty Lee ..... Memphis, Tennessee
Sasser, Annette ..... Middleton, Tennessee
Sasser, Barbara Ann ..... Halls, Tennessee
Scallions, James Robert ..... Jackson, Tennessee
Sellari, Dan, Jr. ..... Brownsville, Tennessee
Shanks, Brenda Keliea ..... New Madrid, Missouri
Siler, Tommie Ann ..... Dyersburg, Tennessee
Simonton, Beth ..... Memphis, Tennessee
Sinks, Frances Elizabeth ..... Jackson, Tennessee
Smith, Billy Hubbard ..... Jackson, Tennessee
Smith, Joe Foust ..... Jackson, Tennessee
Smith, Joyce Inez ..... Collierville, Tennessee
Smith, Larry Joe ..... Atwood, Tennessee
Smith, Sammy Lee ..... Memphis, Tennessee
Snead, Larry Gene ..... Obion, Tennessee

Spencer, Billy Wayne ..... Jackson, Tennessee
Springer, Martha Lee ..... Memphis, Tennessee
Stewart, Clara Faye ..... Florence, Alabama
Stewart, Gail Arlene ..... Memphis, Tennessee
Stubblefield, William H. ..... Humblodt, Tennessee
Tanner, Ashley Nathaniel ..... Brigton, Tennessee
Taylor, Mack Ivan ..... Dresden, Tennessee
Taylor, Patricia Gail ..... Malesus, Tennessee
Thetford, Kenelia Ann ..... Bradford, Tennessee
Thomas, Ralph Upton ..... Jackson, Tennessee
Thorne, Alice Jean ..... Bruceton, Tennessee
Thornton, Mary Alice ..... Jackson, Tennessee
Thrasher, Andrew Justin ..... Selmer, Tennessee
Towater, Alice Louise ..... Milan, Tennessee
Treece, Doris Annette ..... Trenton, Tennessee
Turner, Hugh Currie ..... Memphis, Tennessee
Twilla, Sandra Elaine ..... Dyersburg, Tennessee
Vance, Benjamin Lloyd ..... Memphis, Tennessee
Vantreese, Charles Ray ..... Jackson, Tennessee
Vaughn, Judith Lee ..... Bolivar, Tennessee
Vernon, Clarice Justin ..... Friendship, Tennessee
Walsh, Barbara Emily ..... Memphis, Tennessee
Walton, Charles Edward ..... Caruthersville, Missouri
Walton, Kay Karen ..... Vandalia, Illinois
Watkins, Nancy Lou ..... Steele, Missouri
Watson, Dottie Sandra ..... Jackson, Tennessee
Weeks, David Earl ..... Jackson, Tennessee
Wells, John Earl ..... Brighton, Tennessee
Williams, James Ray ..... Dyer, Tennessee
Wilson, James Larry ..... Jackson, Tennessee
Woods, Harry Wayne ..... Sikeston, Missouri
Woolley, Elizabeth ..... Memphis, Tennessee
Wright, Joseph Allen ..... Shawneetown, Illinois
Wright, Paul Taylor ..... Humboldt, Tennessee
Wyatt, Barbara Sue ..... Portageville, Missouri

Sophomore Class—Fall Semester, 1960-61

Adams, Johnnie ..... Jackson, Tennessee
Allen, Peggy Jo ..... Memphis, Tennessee
Allison, James Ray ..... Jackson, Tennessee
Allridge, Lester Wayne ..... Jackson, Tennessee
Appleton, Jane ..... Milan, Tennessee
Ball, Barbara ..... Memphis, Tennessee
Barker, Larry Forrest ..... Jackson, Tennessee
Baskin, Jerry ..... Covington, Tennessee
Bishop, Bonnie ..... Bolivar, Tennessee
Boulton, Virginia ..... Cades, Tennessee
Bowman, Harry Leon ..... Huron, Tennessee
Brewer, Billy Fred ..... Bemis, Tennessee
Brown, William Houston ..... Union City, Tennessee
Bryant, James Allen ..... Jackson, Tennessee
Bullard, James Boyd ..... Jackson, Tennessee
Bullard, Reed ..... Memphis, Tennessee
Bullington, Elsie ..... Atwood, Tennessee
Campbell, Robert Hess ..... Humboldt, Tennessee
Cannon, Joyce Ann ..... Halls, Tennessee
Carter, Charles ..... Jackson, Tennessee
Cheek, Carolyn ..... Jackson, Tennessee
Childress, Sandra ..... Memphis, Tennessee
Childress, Melvin ..... Sharon, Tennessee

Cobb, Danny ..... Bells, Tennessee
Coggins, Delbert ..... Memphis, Tennessee
Coley, Flora ..... Jackson, Tennessee
Combs, James ..... Newbern, Tennessee
Conner, James ..... Jackson, Tennessee
Cooksey, William Lee ..... Jackson, Tennessee
Cox, Fanny Jane ..... Jackson, Tennessee
Crawford, Deryal ..... Bolivar, Tennessee
Crihfield, William ..... Halls, Tennessee
Crouch, Dorothy Sue ..... Jackson, Tennessee
Crowell, Ann ..... Sikeston, Missouri
Curtis, Patricia ..... Memphis, Tennessee
Curry, Wayne ..... Jackson, Tennessee
Daniel, Tully ..... Jackson, Tennessee
Davis, Barbara ..... Jackson, Tennessee
Dill, Barry H. ..... Jackson, Tennessee
Dismuke, Kinnie ..... Jackson, Tennessee
Dunlap, Barbara ..... Trimble, Tennessee
Durley, Marie ..... Tyro, Mississippi
Dyer, Frank ..... Memphis, Tennessee
Eastman, Tony ..... Jackson, Tennessee
Ellison, Carol Jean ..... Memphis, Tennessee
Elrod, Janice ..... Jackson, Tennessee
Flowers, Shirley ..... Medina, Tennessee
Fowlkes, Charlotte ..... Jacksonville, Florida
Francis, Jere ..... Brownsville, Tennessee
Freeman, Mary H. ..... Bells, Tennessee
Fuller, Ann ..... Memphis, Tennessee
Gaba, John ..... Alamo, Tennessee
Gaddy, Welton ..... Paris, Tennessee
Griggs, Joe ..... Jackson, Tennessee
Grooms, Gene ..... Huntingdon, Tennessee
Gurley, Betty Lue ..... Bath Springs, Tennessee
Guthrie, Floyd ..... Memphis, Tennessee
Haggard, Odis ..... Parsons, Tennessee
Hanebuth, Kay ..... Jackson, Tennessee
Haney, Linda ..... Kingsport, Tennessee
Harrell, Tommy ..... Decaturville, Tennessee
Hart, Jerry ..... Trimble, Tennessee
Hawkins, Ronnie ..... Stanton, Tennessee
Haynie, Jerry ..... Jackson, Tennessee
Highsmith, June ..... Jackson, Tennessee
Hines, Janet ..... Halls, Tennessee
Holt, Becky ..... Parsons, Tennessee
Hooker, Oneida ..... Eads, Tennessee
Horn, Ruth Ann ..... Jackson, Tennessee
Hornbeak, Ann ..... Union City, Tennessee
Horton, Nancy ..... Mayfield, Kentucky
Hutson, Patsy ..... Paris, Tennessee
Hysmith, Karen ..... Finger, Tennessee
Jaco, James Harold ..... Jackson, Tennessee
Jeffress, Patricia ..... Fulton, Kentucky
Jeffress, Philip ..... Fulton, Kentucky
Johns, Wilma ..... Milan, Tennessee
Johnsey, Roy ..... Jackson, Tennessee
Johnson, Jackie ..... Goodlettsville, Tennessee
Jones, Roy ..... Dyersburg, Tennessee
Jones, William ..... Dyersburg, Tennessee
Jowers, James ..... Dyersburg, Tennessee
Kam, Sang ..... Seoul, Korea
Karnazes, Mary ..... Halls, Tennessee
Kee, Jimmy ..... Jackson, Tennessee

Kelley, Talmadge ..... Dyersburg, Tennessee
Knight, Nelda ..... Jackson, Tennessee
Laughlin, Mary ..... Jackson, Tennessee
LeGrand, Larry ..... Poplar Bluff, Missouri
Lewis, Dorothy ..... Jackson, Tennessee
Lewis, Virginia ..... Jackson, Tennessee
Littrell, Glynda ..... Jackson, Tennessee
Love, Hal ..... Jackson, Tennessee
Lyon, Sharron ..... Jackson, Tennessee
McAfee, Wallace ..... Memphis, Tennessee
McDearman, Thomas ..... Halls, Tennessee
Martin, Billy Ray ..... Jackson, Tennessee
Marston, Charles ..... Bristol, Tennessee
Martin, Marilyn ..... Paris, Tennessee
Meador, Judith ..... Jackson, Tennessee
Mefford, Laura ..... Memphis, Tennessee
Mitchell, Anne ..... Milan, Tennessee
Morris, Kennith ..... Puryear, Tennessee
Morse, James ..... Jackson, Tennessee
Muir, Charlene ..... Memphis, Tennessee
Naylor, Sammy ..... Bells, Tennessee
Nerren, Mona ..... Mercer, Tennessee
Newman, Kenneth ..... Jackson, Tennessee
Orrell, Marie ..... Jackson, Tennessee
Owen, Billy ..... Pryorsburg, Kentucky
Owens, John Ronald ..... Memphis, Tennessee
Owens, Marilyn ..... Hickman, Kentucky
Pannell, Evelyn ..... Memphis, Tennessee
Parker, Gertie ..... Dukedom, Tennessee
Parker, Sylvia ..... Goodlettsville, Tennessee
Paschall, Larry ..... Puryear, Tennessee
Patton, Joan ..... Jackson, Tennessee
Pavelonis, Bob ..... Harrisburg, Illinois
Perkins, William ..... Jackson, Tennessee
Phillips, Gwen ..... Dyersburg, Tennessee
Pittman, Albert ..... Memphis, Tennessee
Pope, Shirley ..... Trimble, Tennessee
Prescott, Delma ..... Friendship, Tennessee
Pruitt, Vaughn ..... Memphis, Tennessee
Pulliam, Janis ..... Jackson, Tennessee
Radford, J. Glynn ..... Dresden, Tennessee
Reams, Johnny Marvin ..... Bells, Tennessee
Richmond, George-Anne ..... Henderson, Kentucky
Rogers, James ..... Memphis, Tennessee
Rogers, Linda ..... Luray, Tennessee
Rowe, Nancy ..... Memphis, Tennessee
Rushing, Benny ..... Jackson, Tennessee
Sandidge, Freddie ..... Memphis, Tennessee
Sapp, Barry ..... Winchester, Massachusetts
Sapp, Gene ..... Winchester, Massachusetts
Sargent, Duane ..... Jackson, Tennessee
Sartain, June ..... Memphis, Tennessee
Sasseen, Burnett ..... Paducah, Kentucky
Scarbrough, Virginia ..... Memphis, Tennessee
Schaefer, Linda ..... Jackson, Tennessee
Sisson, Joe Bill ..... Sikeston, Missouri
Smith, Jerald ..... Bolivar, Tennessee
Smith, Vernon ..... Jackson, Tennessee
Strange, Judy ..... Alamo, Tennessee
Taylor, Hunter ..... Jackson, Tennessee
Teague, Janice ..... Detroit, Michigan
Thomas, Ann ..... Gibson, Tennessee

Tickle, Dan ..... Dyersburg, Tennessee
Timberlake, Charles ..... Humboldt, Tennessee
Tipler, Becky ..... Grand Junction, Tennessee
Tolar, James ..... Ridgely, Tennessee
Upchurch, Tommy ..... Buchanan, Tennessee
Vaughan, John ..... Memphis, Tennessee
Ward, Nancy ..... Jackson, Tennessee
Watridge, Syrena ..... Humboldt, Tennessee
Watson, Billy Lee ..... Oakfield, Tennessee
Welch, Annie R. ..... Bells, Tennessee
West, Alice Faye ..... Humboldt, Tennessee
West, Thomas H. ..... Milan, Tennessee
Wheat, Linda ..... Jackson, Tennessee
Whitten, J. L. ..... Jackson, Tennessee
Wilkerson, Alicia ..... Selmer, Tennessee
Wilkes, Judy ..... Memphis, Tennessee
Williams, Brynda ..... Jackson, Tennessee
Williams, Patsy ..... Memphis, Tennessee
Williams, Paul ..... Jackson, Tennessee
Wingo, Yvonne ..... Martin, Tennessee
Winslow, Ralph ..... Jackson, Tennessee
Womack, Robert ..... Mayfield, Kentucky
Woodford, Paul ..... Savannah, Tennessee
Yager, Patricia ..... Grand Junction, Tennessee
Yates, Beverly ..... Jackson, Tennessee

Junior Class—Fall Semester, 1960-61

Aden, Joe Richard ..... Dongola, Illinois
Alexander, Vernon Gayle ..... Trenton, Tennessee
Allen, D. Joyce ..... Jackson, Tennessee
Anderson, Terry Ray ..... Knoxville, Tennessee
Bailey, Amelia Jane ..... Memphis, Tennessee
Baker, Mary Ann ..... Jackson, Tennessee
Bateman, James Myron ..... Selmer, Tennessee
Belew, Thomas Dale ..... Jackson, Tennessee
Blurton, Shirley Jean ..... Crockett, Tennessee
Booker, Robert Samuel ..... Jackson, Tennessee
Bowman, Harry Leon ..... Huron, Tennessee
Brown, Wanda Boyd ..... Jackson, Tennessee
Browning, Joyce Anne ..... Moscow, Tennessee
Burkhead, William Charles ..... Jackson, Tennessee
Cavender, Betty Louise ..... Memphis, Tennessee
Chatham, Sarah Elizabeth ..... Humboldt, Tennessee
Clayton, Robert David ..... Union City, Tennessee
Clift, Bettye Dean ..... Newbern, Tennessee
Collomp, Roy Donald ..... Memphis, Tennessee
Congiardo, Frank ..... Selmer, Tennessee
Conner, O. Dunaway ..... Dyersburg, Tennessee
Cooke, Fred Martin ..... Jackson, Tennessee
Corder, C. Dewey ..... Maplewood, Missouri
Coughlan, Martha Ann ..... Ripley, Tennessee
Cox, Carl, Jr. ..... Richmond, Missouri
Crossen, Harlen Leroy ..... Brownsville, Tennessee
Dame, Marilyn S. ..... Chaffee, Missouri
Daniel, Jimmy Lee ..... Union City, Tennessee
Davis, Arthur Kenneth ..... Savannah, Tennessee
Davis, Jeffrey Glenn ..... Jackson, Tennessee
Denston, William Bryan, Jr. ..... Hopkinsville, Kentucky
Dozier, W. Grady ..... Gainesville, Texas
Dunn, Diana Andrews ..... Alamo, Tennessee
Dunn, Gerald Ralph ..... Alamo, Tennessee
Dunn, Mary Faith ..... Jackson, Tennessee

Emerson, Daniel Isaac ..... Bolivar, Tennessee
Englert, Johnny Richmond ..... Humboldt, Tennessee
Evans, Donald Herbert ..... Newbern, Tennessee
Free, Floyd ..... Jackson, Tennessee
Garland, Beverly ..... Birmingham, Alabama
Gillum, Jo Nell ..... Russellville, Kentucky
Glisson, David ..... Dyer, Tennessee
Golos, Bonnie ..... McLeansboro, Illinois
Greene, William ..... Memphis, Tennessee
Griffin, Otis ..... Millington, Tennessee
Hamilton, John ..... Augusta, Kansas
Hawkins, Freddie ..... Elizabethtown, Kentucky
Helton, Gary ..... Corinth, Mississippi
Heusier, Weymuth ..... Sikeston, Missouri
Highfill, Lois ..... Memphis, Tennessee
Hinson, John ..... Bolivar, Tennessee
Holmberg, Carole ..... Salem, Illinois
Horne, Reggie ..... Jackson, Tennessee
Huffman, W. Keith ..... Tuscumbia, Missouri
Humphreys, Tommy ..... Humboldt, Tennessee
Jamison, Frank ..... Jackson, Tennessee
Jelks, Barbara ..... Paris, Tennessee
Johnson, Carolyn ..... Jackson, Tennessee
Johnson, R. Wayne ..... Jackson, Tennessee
Jones, Ann ..... Yazoo City, Mississippi
Jones, James R. ..... Fulton, Kentucky
Kirby, Patricia ..... Jackson, Tennessee
Lambert, Troy Terrell ..... Tylertown, Mississippi
Ledbetter, James Eugene ..... Henderson, Tennessee
Lipe, Sally ..... Steeleville, Illinois
Long, Tommye ..... Memphis, Tennessee
McAfee, James ..... Jackson, Tennessee
McCarthy, Nancy J. ..... Baldwyn, Mississippi
McCartney, Betty Lou ..... Bradford, Tennessee
McDaniel, Mary T. ..... Covington, Tennessee
McLeary, Nancy L. ..... Jackson, Tennessee
Marshall, Marie A. ..... Russellville, Kentucky
Marvin, Shari ..... Anna, Illinois
Mebane, Howell ..... Cedar Grove, Tennessee
Miller, David ..... Poplar Bluff, Missouri
Moore, Dean ..... Newbern, Tennessee
Morris, Donald ..... Dyersburg, Tennessee
Nicholass, Wesley ..... Oxford, Mississippi
Oakley, Jerry D. ..... Wingo, Kentucky
Parker, Rebecca ..... Humboldt, Tennessee
Pippin, John H. ..... Kevil, Kentucky
Pollard, Mary Jean ..... Jackson, Tennessee
Pope, Sue ..... Bolivar, Tennessee
Prather, Elaine ..... Woodland Mills, Tennessee
Price, Marilyn ..... Lebanon, Tennessee
Pritchard, Emily ..... Huntingdon, Tennessee
Ralph, Bettie ..... Goodlettsville, Tennessee
Reaves, Shelby ..... Greenfield, Tennessee
Richardson, Beverly ..... West Plains, Missouri
Rickman, E. Lynn ..... Milledgeville, Tennessee
Sallee, David ..... Memphis, Tennessee
Sewell, Lewis ..... Newbern, Tennessee
Sikes, Juanita ..... Jackson, Tennessee
Simmons, Harold ..... Memphis, Tennessee
Smith, Betty L. ..... Jackson, Tennessee
Smith, Carol Ann ..... Memphis, Tennessee
Smith, Gerald O. ..... Covington, Tennessee
Smith, Linda ..... Dyer, Tennessee

Smith, Thomas F. ..... Sturgis, Kentucky
Somers, John ..... Rutherford, Tennessee
Stennett, Linda ..... Corinth, Mississippi
Stone, J. Daniel ..... Jackson, Tennessee
Stone, S. Pauline ..... Camden, Tennessee
Sublett, William L. ..... Jackson, Tennessee
Swanner, Joseph ..... Jackson, Tennessee
Taylor, Betty Sue ..... Trenton, Tennessee
Taylor, Mary Ann ..... Jackson, Tennessee
Tate, Walter T. ..... Jackson, Tennessee
Thedford, J. C. ..... Medina, Tennessee
Thedford, Ruth ..... Medina, Tennessee
Thompson, Judith ..... Columbus, Ohio
Tickle, Daniel ..... Dyersburg, Tennessee
Tillman, Miriam ..... Jackson, Tennessee
Tomlin, Matthew ..... Jackson, Tennessee
Turnbo, Zelma ..... Milan, Tennessee
Turner, Lucy B. ..... Linneus, Missouri
Tutor, Thomas ..... Covington, Tennessee
Tutterow, Mary Ann ..... Knoxville, Tennessee
Vance, Thomas ..... Memphis, Tennessee
Walker, Max ..... Humboldt, Tennessee
Weinstein, Bill ..... Whitehaven, Tennessee
West, Mary G. ..... Jackson, Tennessee
West, William ..... Jackson, Tennessee
White, Ernest ..... Medina, Tennessee
White, Jerrell ..... Kuttawa, Kentucky
Williams, Norman ..... Dyer, Tennessee
Willis, Bennett ..... Rutherford, Tennessee
Wingo, Charles ..... Jackson, Tennessee
Zumwalt, Joetta ..... Poplar Bluff, Missouri

Senior Class—Fall Semester, 1960-61

Allcock, James C. ..... Melber, Kentucky
Allison, Walter M. ..... Tiptonville, Tennessee
Andrews, Patricia ..... Memphis, Tennessee
Arnold, Kenneth ..... Jackson, Tennessee
Baker, Bonnie ..... Jackson, Tennessee
Baltzell, Linda ..... Forest Heights, Maryland
Barnes, John T. ..... Humboldt, Tennessee
Boren, Janice ..... Jackson, Tennessee
Brown, Wayne ..... Union City, Tennessee
Butler, Sarah ..... Jackson, Tennessee
Chilcutt, Keith ..... Buchanan, Tennessee
Clampitt, Dixie ..... Jackson, Tennessee
Couch, James ..... Jackson, Tennessee
Crenshaw, Olive C. ..... Jackson, Tennessee
Cummings, Robert ..... Jackson, Tennessee
Dame, Gerald ..... Jackson, Tennessee
Davis, Carolyn Sue ..... Dyer, Tennessee
Derryberry, Barbara ..... Jackson, Tennessee
Dugard, Betty ..... Saltillo, Mississippi
Dunagan, Kay ..... Dyer, Tennessee
Ellis, Marion ..... Murfreesboro, Tennessee
Futtrell, Etta ..... Jackson, Tennessee
Gault, Ken ..... Knoxville, Tennessee
Grant, James N. ..... Alamo, Tennessee
Griffin, Virginia Wright ..... Bells, Tennessee
Harris, Fred H. ..... Jackson, Tennessee
Henson, Willis ..... Jackson, Tennessee
Highfill, Bob ..... Nashville, Tennessee
Highsmith, Schelley ..... Collierville, Tennessee

Hooppaw, Larry ..... Jackson, Tennessee
Hopkins, William ..... Covington, Tennessee
Johnson, Elizabeth Anne ..... Malesus, Tennessee
King, Patsy ..... Lavinia, Tennessee
Laughlin, William ..... Jackson, Tennessee
Lee, Harbert ..... Ripley, Tennessee
Luethge, Carol ..... St. Louis, Missouri
McCollum, Nancy ..... Jackson, Tennessee
McComic, Barry ..... Jackson, Tennessee
McElyea, Shirley ..... Ridgely, Tennessee
McEwen, Louis ..... Jackson, Tennessee
McLemore, Jean ..... Humboldt, Tennessee
McMaster, Nancy Jane ..... Medon, Tennessee
Mays, Tillman ..... Jackson, Tennessee
Milam, Martha ..... Memphis, Tennessee
Miller, Carol Anne ..... Grand Junction, Tennessee
Miller, Rebecca ..... Bolivar, Tennessee
Montgomery, John ..... Chaffee, Missouri
Moore, Larry ..... Jackson, Tennessee
Morse, Patricia ..... Medina, Tennessee
Mott, Raymond ..... Jackson, Tennessee
Newton, Bobby ..... Jackson, Tennessee
Only, Betty Cowan ..... Jackson, Tennessee
Pillow, Nathan ..... Jackson, Tennessee
Portis, Linda Jane ..... Jackson, Tennessee
Presson, Donald Ray ..... Bemis, Tennessee
Scruggs, Jerry ..... Jackson, Tennessee
Sherbenou, Mary Delaine ..... Milan, Tennessee
Sisco, Dorothy ..... Flint, Michigan
Snead, John V. ..... Troy, Tennessee
Speight, Mary Etta ..... Caruthersville, Missouri
Spencer, Jerry Lee ..... Osceola, Arkansas
Stanfill, Peggy ..... Luray, Tennessee
Steed, Larry ..... Jackson, Tennessee
Stevenson, Joyce ..... St. Louis, Missouri
Taylor, Paul R. ..... Trezevant, Tennessee
Tinker, Allen ..... Jackson, Tennessee
Tipton, Malcolm ..... Union City, Tennessee
Townsend, Carolyn ..... Parsons, Tennessee
Walker, Jere ..... Jackson, Tennessee
Walls, Joyce ..... Kennett, Missouri
Weaver, Billy ..... Jackson, Tennessee
Webb, Katie Ann ..... Ripley, Tennessee
Williams, Leone ..... Union City, Tennessee
Williams, Ralph ..... Memphis, Tennessee
Wilson, Anne Nell ..... Brownsville, Tennessee
Wood, James ..... Byrdstown, Tennessee

Special Students, 1960-61

Blakely, David ..... Jackson, Tennessee
Boyer, William ..... Beech Bluff, Tennessee
Butler, Tommy ..... Jackson, Tennessee
Climer, Donna Sue ..... Bells, Tennessee
Copeland, William E. ..... Bells, Tennessee
Cox, Charlotte ..... Jackson, Tennessee
Cox, Thomas ..... Jackson, Tennessee
Crocker, Morris ..... Jackson, Tennessee
Davis, Donald Ray ..... Jackson, Tennessee
Deaton, Donald ..... Jackson, Tennessee
Dehoney, Lealice ..... Jackson, Tennessee
Dougan, John Pat ..... Jackson, Tennessee
Dills, Robert ..... Tullahoma, Tennessee

Evans, James F. ..... Parsons, Tennessee
Gee, J. Guy ..... Jackson, Tennessee
Graves, Allen F. ..... Jackson, Tennessee
Hardin, Yarris Manley ..... Medon, Tennessee
Hearn, Joe ..... Jackson, Tennessee
Horne, Adron Noble ..... Jackson, Tennessee
Hurt, Mary Ella ..... Jackson, Tennessee
Kemper, Harold Franklin ..... Jackson, Tennessee
Ledsinger, Jere ..... Kenton, Tennessee
Moody, John ..... Jackson, Tennessee
Morton, Willie ..... Covington, Tennessee
Parks, Martha N. ..... Brownsville, Tennessee
Pate, Thomas H. ..... Dyersburg, Tennessee
Patterson, Kathryn ..... Jackson, Tennessee
Rose, Linda DeLoach ..... Jackson, Tennessee
Sacchini, Louis ..... Monessen, Pennsylvania
Weaver, Willie Joe ..... Jackson, Tennessee
Wiggins, Bobby Wallace ..... Jackson, Tennessee
Wolfe, James B. ..... Michie, Tennessee
Wright, James Giley ..... Jackson, Tennessee
Wylie, Ronnie ..... Covington, Tennessee

May Graduates, 1960

King S. Abernathy, Jr., Newbern, Tennessee ..... *Bachelor of Arts*
Bobby Ralph Agee, Memphis, Tennessee ..... *Bachelor of Arts*
Robbie Wilson Ambrose, Humboldt, Tennessee ..... *Bachelor of Science*
Anita Weaver Armstrong, Wynnburg, Tennessee ..... *Bachelor of Science*
James A. Atchley, Bells, Tennessee ..... *Bachelor of Arts*
Cecelia Ann Baggett, Memphis, Tennessee ..... *Bachelor of Science*
Shirley Bledsoe, Jackson, Tennessee ..... *Bachelor of Arts*
Larry Dale Boston, Sikeston, Missouri ..... *Bachelor of Arst*
Mary Elizabeth Boulton, Cades, Tennessee ..... *Bachelor of Arts*
Marie Brown Burkhead, Gobler, Missouri ..... *Bachelor of Arts*
Anita Lowe Butler, Memphis, Tennessee ..... *Bachelor of Science*
N. Bob Carpenter, Memphis, Tennessee ..... *Bachelor of Arts*
William Glenn Carver, Jackson, Tennessee ..... *Bachelor of Arts*
B. Vivian Cathey, Jr., Jackson, Tennessee ..... *Bachelor of Science*
James A. Coleman, Memphis, Tennessee ..... *Bachelor of Arts*
John Conyers, Alamo, Tennessee ..... *Bachelor of Music*
Jerry Nathan Corlew, Gates, Tennessee ..... *Bachelor of Arts*
David Elbert Cundiff, Elizabethtown, Kentucky ..... *Bachelor of Science*
John Wayne Davenport, Medina, Tennessee ..... *Bachelor of Science*
James Dennison, Jackson, Tennessee ..... *Bachelor of Arts*
James Allen Dinkins, Trezevant, Tennessee ..... *Bachelor of Science*
Beverly Moore Eagan, Jackson, Tennessee ..... *Bachelor of Science*
James Allen Ferguson, Fulton, Kentucky ..... *Bachelor of Arts*
Betty Lou Fletcher, Ava, Missouri ..... *Bachelor of Science*
Jane Elizabeth Frizzell, Chesterfield, Tennessee ..... *Bachelor of Science*
Harvey Ray Gill, Hayti, Missouri ..... *Bachelor of Arts*
Carole Jean Green, Memphis, Tennessee ..... *Bachelor of Arts*
Thurman Ray Harris, Lewisburg, Kentucky ..... *Bachelor of Arts*
John Andrew Henderson, Djkarta, Java, Indonesia ..... *Bachelor of Arts*
Albert Owen Herrington, Jr., Memphis, Tennessee ..... *Bachelor of Music*
Jacqueline Graben Hibbett, Henderson, Tennessee ..... *Bachelor of Science*
Peggy Sue Hinton, Corinth, Mississippi ..... *Bachelor of Science*
Jimmy Don Holifield, Jackson, Tennessee ..... *Bachelor of Science*
Ivan W. Hulsey, St. Louis, Missouri ..... *Bachelor of Arts*
Jeanne Gardner Hulsey, Kennett, Missouri ..... *Bachelor of Arts*
William C. Jackson, Jr., Memphis, Tennessee ..... *Bachelor of Arts*
Bruce Galen Jolly, Memphis, Tennessee ..... *Bachelor of Arts*
James Robert Kendig, Jackson, Tennessee ..... *Bachelor of Arts*
Thomas Calvin King, Jackson, Tennessee ..... *Bachelor of Science*

William Hulen Lee, Lake City, Tennessee ..... *Bachelor of Scienc*
Wilton Porter Lynn, Union City, Tennessee ..... *Bachelor of Scienc*
Jane Evelyn Marbury, Somerville, Tennessee ..... *Bachelor of Art*
Nina Thomas Maroney, Henderson, Tennessee ..... *Bachelor of Art*
Wanda Lou Mayo, Bemis, Tennessee ..... *Bachelor of Art*
Charles Alfred Miller, Newbern, Tennessee ..... *Bachelor of Art*
Hugh Franklin Miller, Jr., Paducah, Kentucky ..... *Bachelor of Art*
Betty Morgan Molen, Mt. Vernon, Illinois ..... *Bachelor of Art*
Rufus H. Moore, Wynnburg, Tennessee ..... *Bachelor of Art*
Robert H. Morrison, Montezuma, Tennessee ..... *Bachelor of Art*
Carolyn Ann Morse, Memphis, Tennessee ..... *Bachelor of Art*
Sally Thomas Morse, Gibson, Tennessee ..... *Bachelor of Art*
Shirley Frances Neisler, Alamo, Tennessee ..... *Bachelor of Art*
Ann Millican Nuckolls, Brownsville, Tennessee ..... *Bachelor of Scienc*
Edward Jackson Only, Jackson, Tennessee ..... *Bachelor of Scienc*
Larry Henry Patton, Lexington, Tennessee ..... *Bachelor of Scienc*
Jerry Charles Phillips, Jackson, Tennessee ..... *Bachelor of Scienc*
Janis Elizabeth Plunk, Henderson, Tennessee ..... *Bachelor of Art*
Harvell Mell Price, Trenton, Tennessee ..... *Bachelor of Scienc*
Eleanor Jean Richardson, West Plains, Missouri ..... *Bachelor of Scienc*
Nyta Garrett Richardson, Brownsville, Tennessee ..... *Bachelor of Art*
Ronald Lee Rogers, Jackson, Tennessee ..... *Bachelor of Art*
Joe Albert Roland, Jackson, Tennessee ..... *Bachelor of Science*
Harriett Loraine Schroeder, Memphis, Tennessee ..... *Bachelor of Science*
James Carl Scott, Jackson, Tennessee ..... *Bachelor of Science*
Andy Jack Sibley, Crump, Tennessee ..... *Bachelor of Science*
James J. Smith, Bolivar, Tennessee ..... *Bachelor of Art*
Meredith Smith, Henning, Tennessee ..... *Bachelor of Musi*
Nancy Lee Smith, Grand Junction, Tennessee ..... *Bachelor of Art*
Marlin D. Stewart, Henderson, Tennessee ..... *Bachelor of Science*
Mary Nancy Taylor, Monette, Arkansas ..... *Bachelor of Art*
Virginia Vale Thomas, Henderson, Tennessee ..... *Bachelor of Art*
Robert E. Thompson, Humboldt, Tennessee ..... *Bachelor of Science*
Bobby L. Todd, Palmersville, Tennessee ..... *Bachelor of Arts*
Judith Carolyn Verner, Ft. Thomas, Kentucky ..... *Bachelor of Science*
Jerry Lee Wagster, Union City, Tennessee ..... *Bachelor of Science*
Nellie Faye Wilbanks, Corinth, Mississippi ..... *Bachelor of Science*
William Bugg Wilson, Sapulpa, Oklahoma ..... *Bachelor of Arts*
Eleanor Bennett Wren, Jackson, Tennessee ..... *Bachelor of Science*
Elsie Irene Young, Brownsville, Tennessee ..... *Bachelor of Science*

August Graduates, 1960

William H. Adkerson, Covington, Tennessee ..... *Bachelor of Arts*
Royce W. Agerter, Jackson, Tennessee ..... *Bachelor of Science*
Johnny Vance Ambrose, Humboldt, Tennessee ..... *Bachelor of Science*
Jim Vernon Bailey, Jackson, Tennessee ..... *Bachelor of Science*
Allen Ray Bartlett, New Madrid, Missouri ..... *Bachelor of Arts*
Hazel Siler Beshires, Silerton, Tennessee ..... *Bachelor of Science*
Raymond Arving Boston, Memphis, Tennessee ..... *Bachelor of Arts*
Robert Edward Brawner, Riverside, California ..... *Bachelor of Science*
Billy Joe Brown, Huntingdon, Tennessee ..... *Bachelor of Arts*
Billy Ray Burch, Moscow, Tennessee ..... *Bachelor of Arts*
Max Aldon Crocker, Sr., Somerville, Tennessee ..... *Bachelor of Science*
Joseph William Ellis, West Union, Illinois ..... *Bachelor of Science*
Charles David Evers, Mound City, Illinois ..... *Bachelor of Science*
George Sterling Givens, Jackson, Tennessee ..... *Bachelor of Science*
Billy Eugene Griffin, Memphis, Tennessee ..... *Bachelor of Arts*
Katie Henderson, Bells, Tennessee ..... *Bachelor of Arts*
Donald Clayton Holland, Kenton, Tennessee ..... *Bachelor of Music*
Wanda Hammonds Holland, Trenton, Tennessee ..... *Bachelor of Arts*
Gordon Ray Hopkins, Atoka, Tennessee ..... *Bachelor of Science*
William Lewis Howse, III, Nashville, Tennessee ..... *Bachelor of Arts*

Mary Stephen Hudson, Malesus, Tennessee ..... *Bachelor of Music*
David Alfred Malloy, Memphis, Tennessee ..... *Bachelor of Science*
Darrell Molen, Carlinville, Illinois ..... *Bacheor of Arts*
Evelyn Love Moore, Humboldt, Tennessee ..... *Bachelor of Arts*
Bryant M. Ray, Whitehaven, Tennessee ..... *Bachelor of Arts*
Thomas Edward Smith, Medon, Tennessee ..... *Bachelor of Arts*
William David Sheppard, Birmingham, Michigan ..... *Bachelor of Science*
Evelyn Sue Walker Spencer, Brownsville, Tennessee ..... *Bachelor of Arts*
Josephine Hargett Tinker, Alamo, Tennessee ..... *Bachelor of Arts*
Bruce G. Woodard, Jackson, Tennessee ..... *Bachelor of Science*
John R. Worley, Jackson, Tennessee ..... *Bachelor of Science*
Claude H. Yager, Jr. Grand Junction, Tennessee ..... *Bachelor of Science*

Memphis Extension

Bagwell, Ethel Virginia ..... Memphis, Tennessee
Bain, Franklin D. ..... Memphis, Tennessee
Baker, Claudia Patricia ..... Memphis, Tennessee
Baker, Betty Jane ..... Memphis, Tennessee
Baker, Mary Frances ..... Memphis, Tennessee
Barker, Jenece ..... Memphis, Tennessee
Barron, Edgar L. ..... Memphis, Tennessee
Benefield, Gerald W. ..... Memphis, Tennessee
Berretta, Andrew Lee ..... Memphis, Tennessee
Bowen, Patricia Ann ..... Memphis, Tennessee
Byrd, Jerry Phelon ..... Memphis, Tennessee
Carpenter, Millard Arnold ..... Memphis, Tennessee
Caudle, Bonnie Louise ..... Memphis, Tennessee
Chism, Leroy ..... Memphis, Tennessee
Clayton, Ethel Maurine ..... Memphis, Tennessee
Clayton, James Richard ..... Memphis, Tennessee
Cobb, Sadie L. ..... Memphis, Tennessee
Coburn, James Ray ..... Memphis, Tennessee
Coleman, Dorothy Edna ..... Memphis, Tennessee
Coolidge, William Terry ..... Memphis, Tennessee
Coolidge, Arlowyne Younger ..... Memphis, Tennessee
Cooper, Donald Ray ..... Memphis, Tennessee
Cooper, William Robert ..... Memphis, Tennessee
Cull, Jerry John ..... Memphis, Tennessee
Daniel, Phyllis L. ..... Memphis, Tennessee
Davenport, Dennis L. ..... Memphis, Tennessee
Dill, Charles Burton ..... Memphis, Tennessee
Easley, Buford G. ..... Memphis, Tennessee
Ellington, Etta Ruth ..... Memphis, Tennessee
Eubanks, Ester Lorene ..... Memphis, Tennessee
Eubanks, Peggy Joann ..... Memphis, Tennessee
Fawcett, Harold W. ..... Memphis, Tennessee
Fawcett, Mildred E. ..... Memphis, Tennessee
Fleming, Grace W. ..... Memphis, Tennessee
Fulgum, Barbara Jean ..... Memphis, Tennessee
Gilbert, Mary L. ..... Memphis, Tennessee
Gilder, W. Jacqueline ..... Memphis, Tennessee
Green, Edwin A. ..... Memphis, Tennessee
Greer, Rachel F. ..... Memphis, Tennessee
Henley, Shirley Jean ..... Memphis, Tennessee
Howard, Lela ..... Memphis, Tennessee
Huff, Ollie B. ..... Memphis, Tennessee
Kelley, Marie Burton ..... Memphis, Tennessee
Key, Mildred Edwards ..... Memphis, Tennessee
Key, Voysey Compere ..... Memphis, Tennessee
Knight, Ellis H. ..... Memphis, Tennessee
Knott, Robert Henry ..... Memphis, Tennessee

Lawrence, Dorothy June ..... Memphis, Tennessee
Lawrence, Fred Moody ..... Memphis, Tennessee
McIntyre, Joseph C. ..... Memphis, Tennessee
Malone, Mildred R. ..... Memphis, Tennessee
Marotti, Evelyn Joyce ..... Memphis, Tennessee
Miller, Herbert Paul ..... Memphis, Tennessee
Miller, Bobbie Lee ..... Memphis, Tennessee
Mixon, Roy Bennett ..... Memphis, Tennessee
Moffett, Ruth ..... Memphis, Tennessee
Montgomery, Max Wayne ..... Memphis, Tennessee
Moore, James F. ..... Memphis, Tennessee
Moseley, Thomas L. ..... Memphis, Tennessee
Nash, Sophie ..... Memphis, Tennessee
Nolen, Russell Reeves ..... Memphis, Tennessee
Norton, Lawrence E. ..... Memphis, Tennessee
Ogletree, Benjamin H. ..... Memphis, Tennessee
Osborne, Rodney Lee ..... Memphis, Tennessee
Page, Mrs. Melville F. ..... Memphis, Tennessee
Patton, Eddie F. ..... Memphis, Tennessee
Pollan, Linda B. ..... Memphis, Tennessee
Powell, Dorothy Jane ..... Memphis, Tennessee
Rast, Juanita A. ..... Memphis, Tennessee
Reed, Betty S. ..... Memphis, Tennessee
Salter, Carol V. ..... Memphis, Tennessee
Shannon, Sara R. ..... Memphis, Tennessee
Shassere, Mary Elizabeth ..... Memphis, Tennessee
Short, Gladys Watkins ..... Memphis, Tennessee
Shutt, Otis T. ..... Memphis, Tennessee
Smith, Geneva Jean ..... Memphis, Tennessee
Smith, Myra Woodward ..... Memphis, Tennessee
Smith, Stanley B. ..... Memphis, Tennessee
Smith, Thomas Flowers, Jr. ..... Memphis, Tennessee
Stewart, Cecil Warren ..... Memphis, Tennessee
Stovall, Jessie Mae ..... Memphis, Tennessee
Strickland, Merle E. ..... Memphis, Tennessee
Sweet, Marsha Kay ..... Memphis, Tennessee
Tedford, William A. ..... Memphis, Tennessee
Tinnen, Anna V. ..... Memphis, Tennessee
Tinsley, John D. ..... Memphis, Tennessee
Tinsley, Mrs. J. D. ..... Memphis, Tennessee
Trimm, James Maurice ..... Memphis, Tennessee
Vandenbroeck, Mrs. Adrianus ..... Memphis, Tennessee
Vandenbroeck, Adrianus ..... Memphis, Tennessee
Veteto, Euther Leon ..... Memphis, Tennessee
Vickery, Edna M. ..... Memphis, Tennessee
Wade, Willard R. ..... Memphis, Tennessee
Wilkerson, John Richie ..... Memphis, Tennessee
Wilkinson, Mavis Hazel ..... Memphis, Tennessee
Williams, Ellen Hambrick ..... Memphis, Tennessee
Wolbrecht, Virginia E. ..... Memphis, Tennessee
Wood, Ernest Eugene ..... Memphis, Tennessee
Worlds, Virginia Powell ..... Memphis, Tennessee
Yarbrough, Joy Jeanette ..... Memphis, Tennessee

Summer School Roster

Abernathy, Anne Cooper ..... Jackson, Tennessee
Adkerson, Janet Southhall ..... Covington, Tennessee
Arnett, Albert Blair ..... Jackson, Tennessee
Batts, Violet Marie ..... Union City, Tennessee
Baxter, Jackie Donald ..... Trezevant, Tennessee
Bond, Sara Giles ..... Denmark, Tennessee

Boone, Frances Holland ..... Jackson, Tennessee
Bray, Grace Dolbeer ..... Jackson, Tennessee
Bray, Harvey Lee ..... Jackson, Tennessee
Bryant, Joyce Bolton ..... Roswell, New Mexico
Callis, William Edward ..... Jackson, Tennessee
Camp, Robert Lester ..... Jackson, Tennessee
Cannon, Rose Marie ..... Halls, Tennessee
Carr, Grady Lionel ..... Jackson, Tennessee
Clay, Jimmy Doyle ..... Ripley, Tennessee
Conyers, John Stewart ..... Halls, Tennessee
Cox, Mary Elsie ..... Medina, Tennessee
Crouch, James Hicks ..... Bemis, Tennessee
Davis, Adrienne Hatcher ..... Jackson, Tennessee
Davis, James Oscar ..... Hickory Valley, Tennessee
Depriest, Brenda A. ..... Jackson, Tennessee
Dixon, Estella Wilson ..... Brownsville, Tennessee
Duane, Mary Ann ..... Jackson, Tennessee
Dyer, James Carlton ..... Jackson, Tennessee
Edwards, Jere Cates ..... Alamo, Tennessee
Frost, Martha Ann ..... Jackson, Tennessee
Fry, Charlotte Mynar ..... Lavinia, Tennessee
Gilbert, Mary Eleanor ..... Humboldt, Tennessee
Gordon, Carol Willis ..... Humboldt, Tennessee
Graves, Angeline Frazier ..... Jackson, Tennessee
Greenwood, Arlene Heard ..... Jackson, Tennessee
Hallmark, Billy Frank ..... Henderson, Tennessee
Hammond, William Henry ..... Jackson, Tennessee
Hammons, Donald Dean ..... Hickory Valley, Tennessee
Hardin, Richard Alvin ..... Memphis, Tennessee
Harding, Anne Ruth ..... Cottage Grove, Tennessee
Harvey, Dorothy Pearson ..... Jackson, Tennessee
Henson, Georgia Beth ..... Benton, Kentucky
Horne, Noble Adron ..... Jackson, Tennessee
Johnson, Jacqueline Dale ..... Goodlettsville, Tennessee
Johnson, Robert Thomas ..... Camden, Tennessee
Jones, Jeanne Umsted ..... Jackson, Tennessee
Jones, Nancy Lee ..... Cedar Grove, Tennessee
Kealalio, Odetta Ululani ..... Honolula, Hawaii
Keyes, Steve ..... Jackson, Tennessee
King, Rebecca Blythe ..... Pinson, Tennessee
King, Hazel Quinn ..... Jackson, Tennessee
Lanier, Zoe M. ..... Humboldt, Tennessee
Lassiter, Martha Dianne ..... Jackson, Tennessee
Little, Brenda Kay ..... Jackson, Tennessee
Livingston, Jack Vester ..... Holladay, Tennessee
Lucky, Betty Lou ..... Jackson, Tennessee
McCaskill, Frank Allen ..... Jackson, Tennessee
McCharen, John Dudley ..... Jackson, Tennessee
McCray, Francis Lee ..... Jackson, Tennessee
McKissack, Jessie Lee ..... Jackson, Tennessee
McLeary, Betty Butler ..... Jackson, Tennessee
McLemore, Charles Willard ..... Humboldt, Tennessee
McLemore, Nelle Jackson ..... Humboldt, Tennessee
Mayfield, Linda Elizabeth ..... Jackson, Tennessee
Mathis, Tommy Eugene ..... Milan, Tennessee
Medlin, Robert Neil ..... Jackson, Tennessee
Milstead, Pauline Smith ..... Jackson, Tennessee
Moore, Billie Sue ..... Ridgely, Tennessee
Moore, Ira Larry ..... Jackson, Tennessee
Moore, Mae Elizabeth ..... Jackson, Tennessee
Morris, Betty Lou ..... Milan, Tennessee
Mulherin, Mary Virginia ..... Brownsville, Tennessee
Naylor, Jack Calvin ..... Jackson, Tennessee

Neisler, Ruby Elmerine ..... Jackson, Tennessee
Nichols, Betty Ruth ..... Jackson, Tennessee
Oliver, Dorotha Jean ..... Rutherford, Tennessee
Norton, Tommy Howell ..... Jackson, Tennessee
Nunn, Betty Jane ..... Jackson, Tennessee
Oehlschlaeger, John Henry ..... Paducah, Kentucky
Osborne, Jimmy Ray ..... Jackson, Tennessee
Padgett, Charles Herfel ..... Finley, Tennessee
Pafford, Billy Cantrell ..... Humboldt, Tennessee
Parker, Tony Mathon ..... Jackson, Tennessee
Phillips, Sylvia Buck ..... Jackson, Tennessee
Pierce, Carolyn Ruth ..... Jackson, Tennessee
Raines, Charles Thomas ..... Jackson, Tennessee
Raines, Inez Thomas ..... Humboldt, Tennessee
Reagor, Mabel ..... Humboldt, Tennessee
Reeves, Robert Kenneth ..... Jackson, Tennessee
Roberson, James C. ..... Jackson, Tennessee
Shaw, Billie Carolyn ..... Caruthersville, Missouri
Sherrod, James Ronnie ..... Bells, Tennessee
Simmons, Shirley Hildreth ..... Jackson, Tennessee
Smith, Baxter IV ..... Jackson, Tennessee
Stafford, Bessie Ruth ..... Jackson, Tennessee
Stanfill, Dorothy McMahen ..... Jackson, Tennessee
Stanfill, Willie Myrtle ..... Jackson, Tennessee
Steed, Mary Nell Lewis ..... Jackson, Tennessee
Stewart, Esta Garrett ..... Brownsville, Tennessee
Tate, Tommy Clarence ..... Jackson, Tennessee
Thomas, Glenda Carol ..... Jackson, Tennessee
Thomas, Jerry Raymond ..... Henderson, Tennessee
Thompson, Roxie Dea ..... Jackson, Tennessee
Thornton, Becky ..... Jackson, Tennessee
Thrasher, Andrew J. ..... Selmer, Tennessee
Todd, Ruby Duffy ..... Bells, Tennessee
Townsend, Phil Michael ..... Jackson, Tennessee
Tubbs, William Franklin ..... Jackson, Tennessee
Turner, Dorothy Glass ..... Humboldt, Tennessee
Webb, Thelma Parker ..... Malesus, Tennessee
West, James Morris ..... Jackson, Tennessee
Whitehead, Martha White ..... Brownsville, Tennessee
Wilkins, Janet Carolyn ..... Bemis, Tennessee
Winslow, Katherine McCallum ..... Jackson, Tennessee

Enrollment Summary 1960-61*

	Men	*Women*	*Total*
Freshmen	114	104	218
Sophomores	85	85	170
Juniors	75	57	132
Seniors	40	40	80
Specials	29	24	53
Totals	343	308	651
Extension (Memphis)	45	55	100
Summer	44**	65**	109**
Grand Total	432	428	860

*Does not include second semester.
**Students who did not re-enroll in regular term.

APPLICATION FOR ADMISSION TO UNION UNIVERSITY
for the Session 1961-62

Name (Mr. / Mrs. / Miss) _____
(First) (Middle) (Last)

Permanent Address _____
(Street or Rural Route) (City) (State)

Date of birth _____ Place of birth _____
(Month, Day, Year) (City) (State)

Race _____ Married or single? _____

Church membership _____ or preference _____

Graduate of _____ High School

located at _____ Date of graduation _____
(Day, Month, Year)

Have you attended college? _____

If so, where? _____ Give dates _____

When do you plan to enter Union University? _____

Father's name _____ Living? _____

Mother's name _____ Living? _____

Legal guardian, if not father _____

Occupation of father or guardian _____

Business address _____

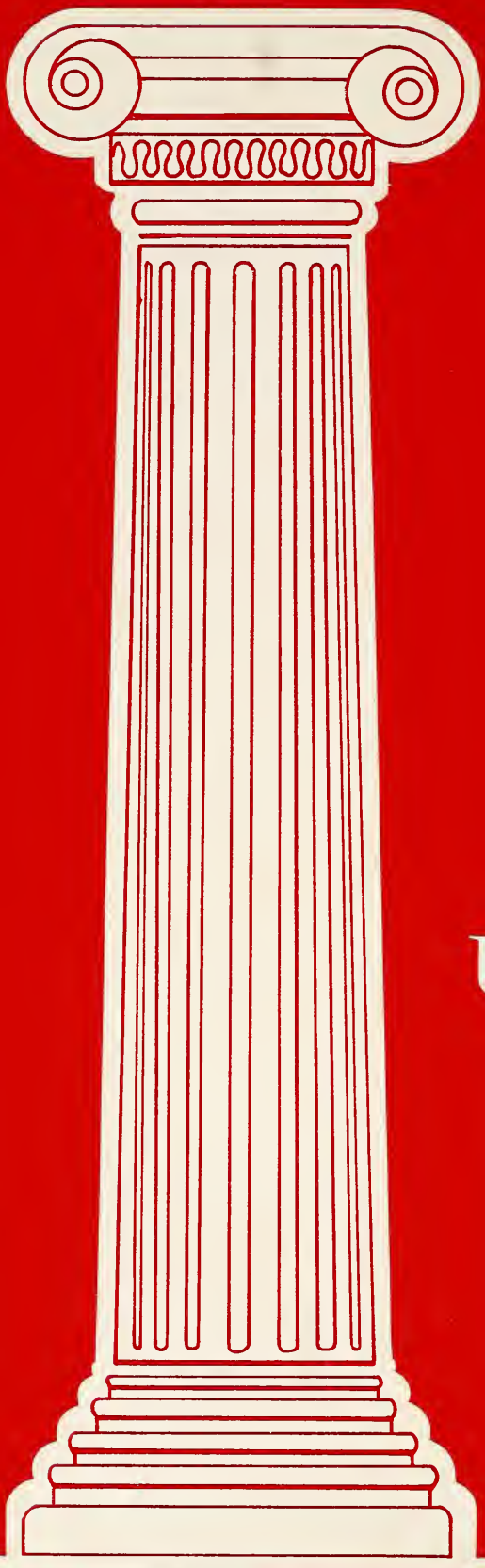
I enclose $10.00 for room reservation.

I will ask the principal of the high school from which I graduated (or registrar of college attended) to send a copy of my record to the Dean of Union University. I understand that I cannot be formally accepted for admission until the transcript of my credits has been received and approved.

(Signature of Applicant) _____

_____
(Date)

This application should be addressed to
OFFICE OF THE DEAN, *Union University*
Jackson, Tennessee



UNIO
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BULLET

1961 - 1962

UNION UNIVERSITY BULLETIN

)62- 1963

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